

# "Ten Great Years for B.C."—Special Section

Weather:  
A Few Showers  
Details on Page 5

## Victoria Daily Times

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# West Scoured for Family Killer

## Gunmen Raid Mid-Town Bank At Vancouver

'Stop-Watch' Bandits Seize 'Large Amount' in U.S. Cash

VANCOUVER (BUP)—Three "stop-watch" bandits today robbed a mid-town branch of the Bank of Nova Scotia and escaped with "a large amount of money" after looting two cashiers' tills.

## Peron Offers To Resign As President

BUENOS AIRES (AP)—President Juan D. Peron of Argentina offered to resign today. The response was mass demonstrations of strength by his followers who insisted he continue in office.

The president addressed his offer to the Central Confederation of Labor, CGT, and the leadership of his own Peronista party. Both clearly had been primed to receive and reject it. The long message said: "The time for fighting has passed. The time has come to work and consolidate our revolutionary gains. I offer my retirement to ensure pacification. I do not want to be an obstacle. It is not possible to destroy what we have built."

"They speak of civil war," it continued. "I do not believe it will happen here. There will be peace or dictatorship. I have no taste for dictatorship. If that is the solution, someone else will have to do it."

**DEMAND WITHDRAWAL**  
First word of the message came in a broadcast by Hugo Delpietro, CGT secretary, who summoned workers to the Plaza de Mayo in the heart of the capital and to plazas in other cities and towns and instructed them to remain there until the president withdraws his resignation offer.

Delpietro also called a general stoppage of activities throughout the country for 15 minutes, beginning at 5 p.m. today, excluding all essential public services. But offices, stores and factories began closing down soon after he spoke.

## Tupper Questions RCMP Squad

VANCOUVER (CP)—Royal Commissioner Reginald H. Tupper has questioned a special RCMP squad on the progress of their investigation into the criminal aspects of testimony heard to date during his investigation into the Vancouver police department.

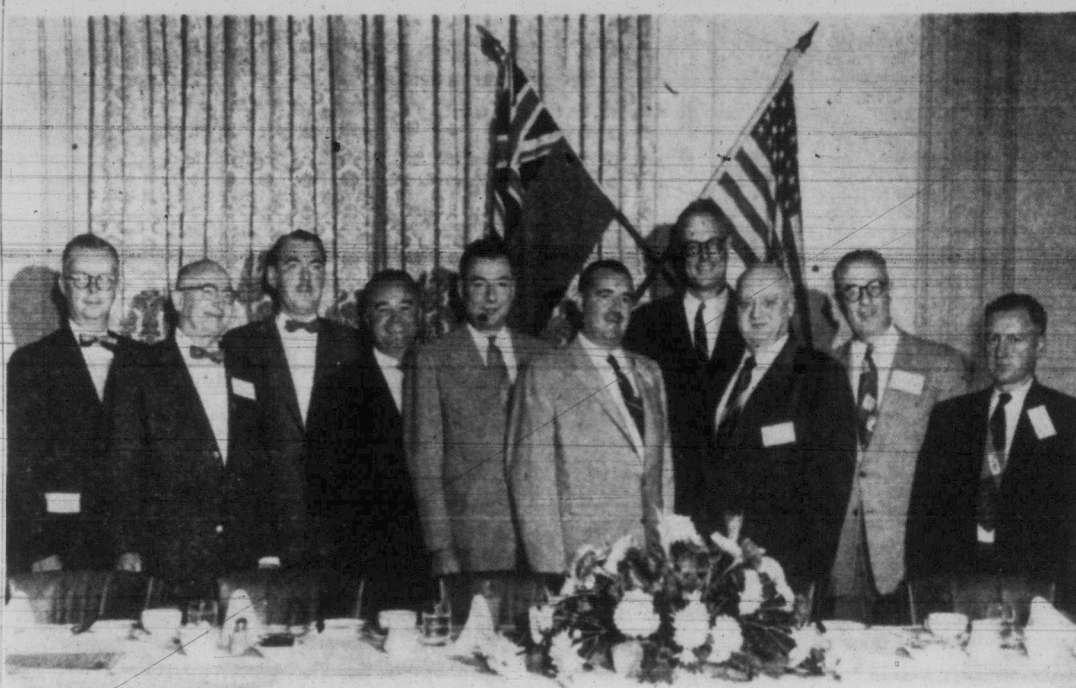
Hearing of evidence on alleged underworld payoffs to police was suspended while the RCMP team conducted its check. The commission now is hearing submissions from the police union on police morale and efficiency.

Mr. Tupper indicated Tuesday that if the RCMP team under Inspector M. J. Dube of Regina has completed its investigation, the squad's report would be heard immediately after the unions complete its case.

He met with Inspector Dube Tuesday night but there was no immediate indication when the RCMP report would be ready.

If the RCMP report is not ready shortly, Mr. Tupper is expected to adjourn the hearing, under way since July 13, until the report can be introduced.

## High Men of Financial World Come to City



Top men from 10 major stock exchanges on the continent are among delegates reaching Victoria this afternoon for final sessions of the National Association of Securities Administrators' convention. Unique picture shows them all together, probably for first time, at breakfast meeting during Vancouver sessions. Left to right: Harold I. Kramer, president, Midwest Stock Clearing Corp., Chicago; Ronald E. Kaehler, president, San Francisco Stock Exchange; E. H.

McAteer, chairman, Canadian Stock Exchange, Montreal; Edward McCormick, president, American Stock Exchange, New York; James B. Weir, chairman, Montreal Stock Exchange; John McGraw, president, Vancouver Stock Exchange; Keith Funston, president, New York Stock Exchange; W. G. Paul, president, Los Angeles Stock Exchange; A. J. Trebilcock, executive manager, Toronto Stock Exchange; and Brian Lock, president, Calgary Stock Exchange.

## BREAD, MILK, EGG PRICES MAY JUMP

VANCOUVER (CP)—Slight increases in bread, milk and egg prices in western Canada could result this fall if an expected increase in grain freight rates materialized, spokesmen said here today.

The Board of Transport Commissioners in Ottawa have been asked to authorize an increase of about 10 per cent in rates on grain moving within the west. This would not apply to grain for export.

"Bread would have to go up a cent a loaf at least," said Don Brown, milling company executive. This would hit feed grains and hence, poultrymen and other farmers, he said.

(See also Page 15.)

## BONNER ADDRESSES CONVENTION

## 'Heady' Atmosphere of Growth In B.C. Reviewed for Investors

The "heady atmosphere" of development and expansion in British Columbia was outlined to visiting American investment experts by Attorney-General Robert Bonner in Vancouver Tuesday night.

Mr. Bonner addressed a dinner meeting of delegates to the convention of the National Association of Securities Administrators.

The convention delegates, nearly 400 strong, are aboard a CPR steamer this afternoon en route to Victoria for two further days of sessions at the Empress Hotel. They arrive late this afternoon.

## FUTURE TO BE RICH

The prospects of harnessing the Yukon and Taku Rivers to deliver 4,900,000 horse power of electrical energy at tidewater was "an industrial opportunity of the first magnitude," Mr. Bonner told the visitors.

"And development of the Columbia depends on a formula for downstream benefits. The problem to my certain knowledge, is occupying the best minds of four governments and a host of interested parties," he said.

The "unexampled development" of B.C. was shown last year when 1,869 companies became incorporated, "sharing my belief in the rich future of this province," Mr. Bonner said.

## CAPACITY ROAD WORK

The present road-building program in B.C. has reached as fast a pace as it can possibly go for the time being, Mr. Bonner disclosed.

Speaking of the stepped-up highway program instituted by the present government, Mr. Bonner acknowledged: "We have reached the point where we find the capacity of our engineering staff and the contractors engaged in this field almost insufficient to carry out the program approved by the legislature."

Mr. Bonner gave no hint, however, that any announced projects were being shelved.

## POPULATION UP 55%

Dealing further with B.C.'s development during the last 15 years, he pointed out that the population has increased 55 per cent—from 792,000 in 1940 to

## WIRE BRIEFS

### \$7 Million Suit

NEW YORK (AP)—Walter Winchell is suing the American Broadcasting Co. for \$7,000,000, the network said today.

The damage suit, involving one of the largest sums ever specified in broadcasting litigation, is the upshot of termination of Winchell's contract with the network June 26.

### New Softball Hazard

PORT ARTHUR, Ont. (CP)—Police said today they are checking a report that a bullet creased the forehead of centre fielder Eddie Cox during a Port Arthur Red Sox-Port William Army and Navy senior baseball playoff game on Tuesday night at the Port Arthur stadium.

### French Chief Resigns Post In Morocco

PARIS (Reuters).—The French government today announced officially the resignation of Gilbert Grandval from his post as resident-general of Morocco.

Grandval's resignation follows last week's Franco-Moroccan talks in Aix-les-Bains which produced an agreement on formation of a representative government for the troubled protectorate.

According to reliable sources, his resignation was the price demanded by certain sections of the French cabinet for their agreement to the new reforms.

### Ganges Man Killed At Fish Cannery

PRINCE RUPERT, B.C. (CP)—James Galbraith, 50, of Ganges, B.C., was killed while loading fish aboard a barge at the Canadian Fishing Co. cannery at Klemtu, B.C., RCMP said here today.

Galbraith, an employee of Northland Navigation Co. Ltd., was caught by the arm and dragged into a winch during loading operations. His arm was almost severed from his body.

An inquest held by Coroner W. C. Probyat at Klemtu ruled he died as a result of his injuries.

## Huge Manhunt After 5 Slain; Coast Alerted

MELVILLE, Sask. (CP)—A huge manhunt throughout the west, extending to the B.C. coast, was underway today after the killing of five members of a Saskatchewan farm family.

RCMP want to question 36-year-old John Petlock, relative of the victims. They say the quiet bespectacled farmer "probably is armed" and is possibly dangerous.

Petlock is five feet 5½ inches tall, of slim build and weighs about 140 pounds. He has fair hair, wears glasses and has protruding teeth. When he left home he was wearing blue jeans, a grey shirt and a beige, peaked cap.

Police said he was believed to be driving a 1953 Meteor car, metallic green and bearing Saskatchewan licence plates numbered 76496.

The five victims, including two children, were found shot

to death on a farm at Fenwood, 22 miles west of here. RCMP said the bodies of Mrs. Harry Petlock, 70-year-old widow, and her daughter-in-law, Mrs. Angeline Petlock, 21, were found hastily buried under dirt, leaves and old sackings near a potato pile in the farmyard garden.

Bodies of Mike Petlock, 34—Angeline's husband and the elder Mrs. Petlock's son—and of his two children, Diane, three, and an infant, were found inside the farmhouse, behind locked doors and drawn blinds.

All five were killed by shots from a gun that investigating officers said probably was a .22-calibre rifle.

## May Have Fled 'Hundreds of Miles'

It was not known precisely when the shootings occurred. Police said the five might have been slain Monday.

They said the slayer could have been "hundreds of miles away" by the time investigators reached the Petlock property.

It was John Petlock's disappearance from his nearby home—reported to police by his wife—that led to discovery of the other Petlock deaths, first quintuple-slaying in western Canada since the Schmidt killings near Winnipeg in 1951.

A small black mongrel dog helped lead police to the five victims.

The black pup was running excitedly about the family market garden Tuesday where two RCMP constables investigating the report of Petlock's disappearance stood munching fresh-picked carrots. After a routine search of the farm they followed the dog to a potato patch where, under a pile of fresh toppings, were found the bodies of Mrs. Harry Petlock and Angeline Petlock.

The constables forced their way into the locked house. On the kitchen floor was the body of Angeline's husband, Michael, a brother of John. In the nearby bedroom were the bodies of Michael's two children, one an infant, the other about three years old.

## UNDER BLANKETS

Both had been shot to death then neatly covered with their usual blankets.

Police said the house was ran-

sacked—presumably for family stored savings. Several bills were missing but it seems to be a secret just how much money the family had, said one investigating officer.

Police said it appeared that the two women were shot from close range, probably late Monday, while picking potatoes. They also expressed the theory that Michael was not then at home but was shot through the fireplace through the kitchen door.

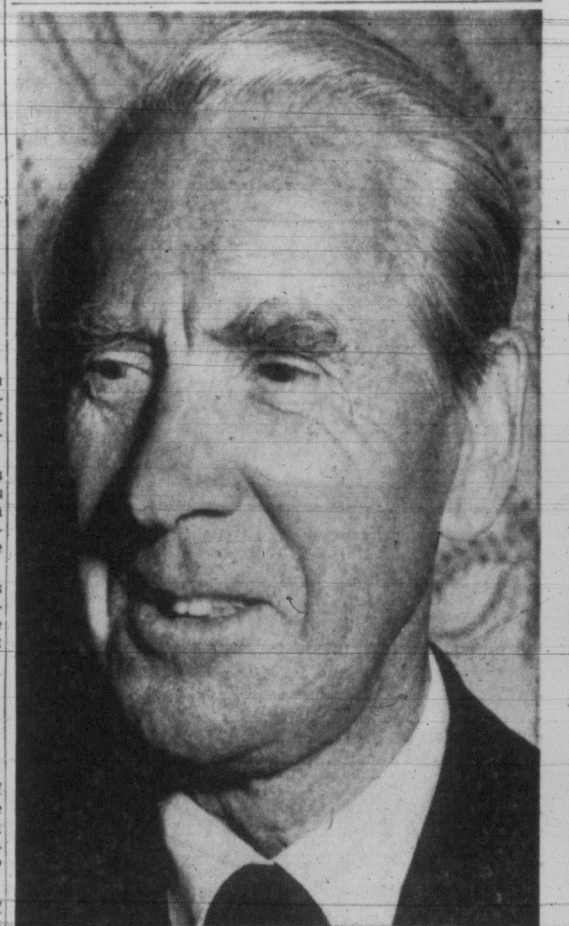
A cigar butt on a chair near the door led police to believe the slayer had been standing on the chair waiting for Michael to enter.

It was not known where the children fitted into the sequence. John Petlock had been missing from his home a half-mile away since Monday when he told his wife he was going stooking in his own fields.

He didn't return that night and the next morning Mrs. Petlock went to the field and called his name in vain. Then she phoned the police but didn't go near her brother-in-law's house.

When Harry Petlock, the family patriarch, died seven months ago he left Michael his house and two quarter sections. John got one quarter section.

Police believed the elder Petlock had always kept his money, earned through 20 years' farming in this district 80 miles northeast of Regina, in the house. After his death his widow continued the policy, they said.



## Distinguished Guest

Guest of Province of British Columbia and city of Victoria today is Sir Seymour Howard, Lord Mayor of London. Here on a brief visit, he addressed a joint meeting of the Canadian Club and Victoria Chamber of Commerce. (Times photo. See story, Page 17.)

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See where some movie queen has left her husbin so's they kin think things out. But what with?  
Hearin' about all these securities men in town, m' Uncle Zeke wanted t' know why th' FBI was here.  
Thet little girl on th' radio show c'd sure spell. Seems like she c'd add up her chances, too.



# New Name Adopted By General Synod

## CITY CLERGY APPROVE ACTION AT EDMONTON

The Anglican clergy here today approved the general synod action in changing the name of the "Church of England" in this country to the "Anglican Church of Canada."

Here are sample comments:

Rev. G. W. Lang: "The name ties in with the commonwealth of churches, indicating loyalty and a common tradition. The new title describes the nature of the church."

Rev. William Hills: "Probably the name 'Catholic Church of Canada' would have satisfied the theologians, but the name chosen incorporates the historic past. The name change was necessary in view of Canada's development."

Rev. Douglas Kendall: "I'm very favorable to the name as it parallels the trend throughout Canada to exemplify things Canadian as a nation today among nations."

## City Comptroller Favors Plan to Tax Cars, Bars, Movies

Ottawa Should Move Over, He Says; Most Business Leaders Disagree

Victoria city comptroller Dennis A. Young today supported the statement of Vancouver professor of economics Dr. Robert M. Clark who feels municipalities should levy more taxes.

But Mr. Young feels the government should move over and let the municipalities in. It shouldn't be a case of adding to the taxpayer's burden.

Speaking at annual convention of Canadian Federation of Mayors and Municipalities at Edmonton, the UBC expert suggested four tax sources to help the municipalities.

He thought there should be a municipal tax on automobiles which could be collected at the same time as the provincial licence fee. He suggested a municipal amusement tax instead of the present provincial levy, a municipal tax on electricity and telephone bills and a municipal tax on liquor and beer outlets.

Mr. Young said that as a city comptroller he would welcome the chance to move the city into tax fields which have been harvested by the province, in the past. It would be easier to estimate civic incomes if the city was doing its own taxing rather than depending on provincial grants-in-aid.

Mayor Claude Harrison, who returned Tuesday from the mayors' convention would not comment on the proposal, but indicated disapproval.

Reeve of Oak Bay, F. E. Norris said he didn't think there should be additional levies. Reeve A. C. Wurtel of Esquimalt thought the property

EDMONTON (CP) — The Church of England in Canada will officially be known as the Anglican Church of Canada in the future.

The change was almost unanimously approved in both the upper and lower houses of the general synod which met in joint session here Tuesday night. It ended a 55-year debate on the question.

The original action was opposed by delegates from Nova Scotia, Fredericton, Montreal and Newfoundland, who supported a motion to have the name changed to the Episcopal Church in Canada. One Maritime delegate said this change would make the name in Canada the same as that of its American counterpart.

The vote—23 to 4 in the upper house and 174 to 40 in the lower house—endorsed a recommendation of the committee set up in 1954 to study the name.

The 300 delegates spent more than two hours debating the question of the fixed Primatol See but finally disposed of it by referring it back to the Upper House for further consideration.

### NEW RUPERT'S LAND

The See, the area over which the primate has jurisdiction, now is Rupert's Land. The present primate, Most Rev. Walter Foster Barfoot, also is metropolitan and bishop of Rupert's Land.

Chancellor R. H. Soward of Toronto sparked debate by initiating a move to have the Primatol See fixed in Toronto. He said he felt the primate should be freed from diocesan duties to give him more time for his job as leader of the church in Canada.

"The primate must not be far from the centre of the church and we have decided to establish church headquarters in Toronto," he said.

Rt. Rev. G. N. Luxton of London, Ont., bishop of Huron, said the problem should not be settled on a dollar and cents basis, and that he disliked the division between east and west on the question.

He stressed he was not voting against Winnipeg and said "I have always had it in my heart there should be a Canterbury somewhere in Canada, a place for a pilgrimage. I plead for a permanent solution to this problem even if we have to wait another 20 years for it."

Rt. Rev. I. A. Norris, bishop of Brandon, said he disliked the attitude the west is trying to get the primacy.

"The only thought of the bishops of the west is to try to get something settled. The problem is to pick the best place for the primate to live, and where he will be most use."



**RUNNING FOR COVER**, photographers and firefighters leave scene in a hurry as a huge ball of fire pierces the sky when flames set off another explosion at the Standard Oil refinery at Whiting, Ind. The fire which lasted 3½ days was today reported fully extinguished. Damage is set at \$10,000,000. Most of the 1,700 persons evacuated from their homes near the refinery have been allowed to go back.

## Ontario Youth, 17 Charged With Murder

CARDINAL, Ont. (CP)—Ronald Reid, a quiet-spoken 17-year-old, has been charged with murdering a 30-year-old Cardinal merchant, Benjamin Spillman, whose battered and shot body was found eight days ago in his small dry-goods store.

Police arrested the youth Tuesday in his home little more than 1,000 yards from the scene of the slaying, walking in on him as he read a crime comic book. He submitted quietly.

Reid is to be arraigned today. Police said that apparently robbery was the motive for the slaying and that the slayer must have become frightened and ran from the Spillman store without getting \$2,500 which the storekeeper had on his person.

Police visited Reid's home last week 24 hours after the slaying—but for a different reason.

Last Wednesday his mother, Mrs. Isaac Lewis, called police that she had been attacked by a strange man who demanded money and vanished after striking her on the side of the head.

Reid was singled out "through the process of elimination," police said.

**SOUTHERN CONTINENT**  
Australia is the one continent lying wholly in the Southern Hemisphere.

## Law Group Asks Full Revision Of Immigration Appeal Rules

OTTAWA (BUP) — A committee of the Canadian Bar Association called today for a full-scale revamping of the country's immigration laws to strip away "the aura of secrecy which surrounds" entry and deportation proceedings.

The secrecy was termed "unhealthy and unnecessary."

The committee's report, expected to be endorsed later by the CBA as a whole at its current 37th annual convention, was considerably watered down from one that touched off a heated political controversy last year.

Among the recommendations of the new committee were:

1. That an immigration appeal board be set up and that it hear not only appeals from de-

portation orders but also from refusals of entry visas.

2. That the appeal board have power to determine questions of both law and fact, with abolition of the minister's right to decide which appeals shall go before the board.

3. That written reasons shall be furnished by the minister for the rejection of appeals.

4. That a policy of bail, conferring discretion on a special inquiry officer, be established. The present policy is "dictated by Ottawa and does not allow security by the depositing of title deeds to real property and the like. No reason exists for treating persons subject to the immigration act less generously than those accused of crime."

5. That a deadline be fixed for

the time within which an application must be dealt with by the department.

FEELING HEADACHY because of irregularity?

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A modern medicinal laxative in chewing form, FEEN-A-MINT is pleasant to chew and gentle in its action, gentle enough for little children.

FEEN-A-MINT is a safe, dependable and thorough laxative and has a delicious candy-coating — refreshingly flavoured with mint. Why feel headachy in the mornings? Or off-color, sluggish and miserable anytime, because you need a laxative? Get FEEN-A-MINT at your drugstore today and feel fine again.

FAMOUS CHEWING LAXATIVE 25¢

## Late Sen. McRae's Daughter Dies; Funeral Thursday

VANCOUVER (CP)—Funeral service for Mrs. Lucille McRae Willard, 51, second daughter of the late Senator and Mrs. A. D. McRae, will be held here Thursday.

She died in hospital Monday following a long illness.

Her parents' home, Hycroft on McRae Avenue, was the focal point of Vancouver social life in the period between the two world wars. Hycroft has since been made a military hospital. An active horsewoman in her youth, Mrs. Willard lived in Boston and Seattle, returning here during the Second World War.

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Dry Cleaned in 1 Hour.  
**ONE HOUR VALET**  
3-HR. SHIRT LAUNDERING  
1708 DOUGLAS

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51-gauge, 15-denier... \$1.15  
45-gauge, 30-denier... \$1.25  
51-gauge, 30-denier... \$1.25  
60-gauge, 15-denier...

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Sheer \$1.35  
42-gauge, 30-denier \$1.00

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Luxurious floral nylon, daintily trimmed. Sassy shortie housecoat for lounge! From \$9.95

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Creme or Nylon. From \$2.95

**BRASSIERES**  
By Gothic, Plexus, Warner and Playtex, from \$4.75  
Garter Belts, from \$4.00  
Junior Girdles, from \$2.95

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10¢ off 7 oz. tin Gold Seal Fancy Tuna  
10¢ off 16 oz. package Margarine  
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**TOMATOES 2 Pounds 25¢**

RIPE B.C. FIELD TOMATOES FROM THE OKANAGAN

CHECK YOUR EIGHT-PAGE FLYER FOR MORE DOLLAR-SAVING SPECIALS

## B & K ECONOMY STORES





### Pacific 'Brass' Together

One of the most popular attractions at Pacific National Exhibition in Vancouver is display arranged by armed forces. Interested visitors shown are top "brass" of three services on West Coast. Group-Captain E. A. McNab, Rear-Admiral H. F. Pullen, and Brigadier George Kitching. This is third year services have had display at PNE, in the largest grouping of defence equipment ever shown.

## Russians Offer No Comment On Ike's Disarmament Plans

### U.S. STRIKE THREATS HIT 190,000 WORKERS

CHICAGO, Aug. 31 (BUP)—Almost 190,000 employees were on the verge of nationwide strikes today against Chrysler Corp., Westinghouse, and Pan American world Airways.

The biggest walkout threatened Chrysler. Leaders of the CIO United Auto Workers served notice that 139,000 employees would go on strike at midnight in six states unless the big auto company comes up with new offers.

OSHAWA, Ont., Aug. 31 (BUP)—Some 17,000 workers in five General Motors plants in Canada will cast secret ballots Thursday to determine whether they will strike to enforce a guaranteed annual wage and more than 100 other contract changes.

Results of the vote were not expected to be made public until Monday. Meanwhile, the three-man conciliation board will present its report, of the dispute to the Ontario labor department Friday.

The United Automobile Workers Union (CIO) may go on strike seven days after the report has been handed down.

### VANCOUVER ENTRIES

FIRST RACE—Six furlongs:	THIRD RACE—Five and one-half furlongs:
Beverness (Arterburn) 112	Long (Lynn) 112
Vegas Miss (Longoria) 113	Valdeliano (Coppernoll) 113
Proud Penny (Ponsler) 114	Li Qi Ba (Sutton) 114
Bunsen's Lady (Lynn) 115	Bagdas Wake (Stanton) 115
Royal Hobby (Silverright) 116	Does Won (no boy) 116
Dry Call (Haller) 117	His Jack (Silverright) 117
Powers Call (no boy) 118	Flash Bet (Stone) 118
Meadowdale Run (Coppernoll) 119	Sotha Drive (Haller) 119
Lady Abbe (Stone) 120	Wes Dester (Ponsler) 120
Some Doings (E. Williams) 121	Vance (Arterburn) 121
Also eligible:	Cabar Fresh (Lynn) 122
Coland Gens (Gazouite) 113	
Ella Joe (no boy) 114	
Queer Street (no boy) 115	
Freemantle (Longoria) 116	
SECOND RACE—Six furlongs:	FOURTH RACE—Six furlongs:
Leona Flash (Longoria) 105	Brunch (Arterburn) 116
Raymond (Pilschuk) 106	Dustbowl (Coppernoll) 117
Brass Charlie (Arterburn) 107	Nanosa (Stone) 118
Twosha (Sutton) 108	Maaslian (Guarasci) 119
Shady Begonia (Haller) 109	Mah Mah (Lynn) 120
Miss Repeat (Stone) 110	High Cava (Silverright) 121
Arissa (Coppernoll) 111	Poney Up (no boy) 122
Steve Tax (Silverright) 112	Consider (Broomfield) 123
Quick Sweep (Lynn) 113	Also eligible:
Uncia Chuck (E. Williams) 114	Estrella Run (Lynn) 124
Also eligible:	
Smiley (Longoria) 115	
Pert Peak (Silverright) 116	
Alma M. (Silverright) 117	
Green Leaves (Guarasci) 118	
Broken Record (no boy) 119	
Baby Run (no boy) 120	
Rotarian (no boy) 121	
Silvery Six (Guarasci) 122	

### DEEP-SEA SHIPS IN PORT

(MORNING POSITIONS)  
**Victoria (Ogden Point)**—Ss. Sylvia Onorata, British Monarch.  
**Esquimalt**—Ss. King Stephen, Crofton—Ss. Elpis.  
**Cowichan Bay**—Ss. Inaqua, Duncan Bay—Ss. Utsira.  
**Chemainus**—Ss. Peter Dal II.  
**OCEAN MAILS**  
 (Closing Dates at Vancouver)  
 Sept. 4—Washington Mail, Japan, Hong Kong, Philippines.  
 Sept. 6—Alameda, Australia and New Zealand.  
 Sept. 13—Orcaades, Fiji, Australia and New Zealand.



Pictured above is Vancouver Island trophy winner and champion accordionist Bob Arnott. Due to his unusual ability and aptitude Mr. Arnott has been chosen to act as principal and representative of Bob Dressler's Accordion College in both Victoria and Duncan. He has in the past entered many prize-winning students in the annual accordion festival and has thereby proved himself a teacher of exceptional ability. Bob has spent the past summer in taking a very advanced teacher's course and holds a Grade 10 teacher's certificate. Students wishing to take lessons are asked to contact Mr. Arnott at Bob Dressler's Accordion College at 884 Fort Street. Phone 2-6742.

## Fruit Pickets Stop CPR Train

OLIVER, B.C. (CP)—A Canadian Pacific Railway train was stopped Monday at this interior British Columbia centre by pickets of the striking Federation of Fruit and Vegetable Workers' Union (TLC), but attempts to prevent the movement of fruit from a packing house failed.

Determined growers loaded the train themselves with the perishable cargo of peaches they have also picked and packed themselves since the strike started five days ago.

So far, farmers report their efforts to keep the packing houses operating at normal capacity has been successful despite union picketing. Most of the plants are co-operatives, owned outright by the farmers who, with their wives and families, are doing the picking and the packing.

At the same time, Brian Cooney, union director, said his group will accept compromise suggestions outlined by G. A. Carmichael, labor department representative, following attempts to arrange a meeting with union members and growers.

## LABORS & P DAY WEEK-END Specials

APRICOTS, California, whole fruit, choice quality, 15-oz. tins, 2 for 39¢  
 WHEAT THINS, Stone wheat thins in 9-oz. pkts., 2 for 45¢  
 LIGHT FRUIT CAKE Mrs. Willman's, cellophane wrapped, approx. 2 1/2 lbs., 99¢  
 WAFFLE SYRUP Old Tyme, from Quebec, 1/2 Imp. Gal. for \$1.59  
 Wax-Tex Northern, extra heavy wax paper, 100-ft. roll, 30¢  
 HERRINGS, in Tomato Sauce, Clover Leaf, 14-oz. tins, 2 for 37¢  
 Kernel Corn, Hunt's, fancy quality, 15-oz. tins, 2 for 35¢

**Scott & Peden's HEINZ SPECIALS**  
 WHITE VINEGAR, per gallon, 99¢  
 TOMATO KETCHUP, 11-oz. bottle, 29¢  
 VEGETABLE SOUP, 10-oz. tins, 2 for 27¢  
 CREAM OF TOMATO SOUP, 10-oz. tins, 2 for 27¢  
 BABY FOODS, 3 for 29¢

Preserving B.C. Apricots and Peaches at Market Prices... Jars and Fittings of All Kinds!

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 SPRING LAMB Leg of Spring Lamb, whole or half, per lb., 75¢  
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# Victoria Daily Times

The Home Paper  
Established 1884

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STUART KEATE  
Publisher

BRUCE HUTCHISON  
Editor

WEDNESDAY, AUG. 31, 1955

## The Best Ever?

THE LIBERAL NEWSLETTER from Ottawa, though undoubtedly prejudiced in favor of the Liberal Government, sticks strictly to the known figures to document its statement that "1955 will be another banner year in Canada's development and progress, perhaps the best ever."

It may well turn out to be the best ever. So far it has turned out somewhat better than the Government expected last spring, when the Opposition denounced Mr. Harris' optimism.

The facts make cheerful reading. For example:

In the first five months of the year our exports, in actual volume, increased by 10.4 per cent above the 1954 level. Britain increased its purchases here by 37 per cent and bought more from us than in previous years (though the Government has been constantly accused by the Opposition of "losing" the British market.) Our American exports were up 7 per cent.

Canada will spend \$5 billions on construction this year, an all-time high and an increase of 8 per cent over 1954. Among other things, this expenditure will build a billion and a half dollars worth of new houses. Yet the public had enough money left over after this huge capital investment to increase its purchases of consumer goods. Department store sales, a good index, were up nearly 6 per cent for the first six months, and manufacturer's shipments up 13.6 per cent.

More people are working than ever, and making more money. As of mid-June 5,458,000 Canadians were employed, 102,000 more than in the

record year of 1953. Less than 3 per cent of the labor force was unemployed.

While prices had fallen slightly in this time, Canada's workers earned over a billion dollars in April, \$53 millions more than in April, 1954.

A total of 2,213,159 families, with 5,224,950 children, received family allowance cheques to the amount of \$13 millions in June. And 753,814 older persons received \$30 millions in old-age pensions.

As The Ottawa Journal, leading Conservative newspaper of the capital, remarks: "The simple truth is that the 'recession,' which some pessimists said must grow into depression, is over and done with, with nothing now but a good clear road ahead."

Yes, but there may be twists and undulations on that road.

The Government of the United States, our largest customer, is worried about the dangers of inflation which, by raising prices above the public willingness to pay them, could have a familiar reaction.

Our British market may well decline for the obvious reason that Britain, its own domestic market made ravenous by the existing inflation, is not selling us enough goods to pay for anything like its present Canadian imports.

Our wheat surplus shows no sign of melting.

Seasonal unemployment, the result entirely of a hard climate, seems certain to re-appear with winter.

Nevertheless this is a great year in Canada, perhaps the best yet. We shall need sound policies in government, in management and in labor to keep the boom rolling in 1956.

## Story of Growth

AS A SPECIAL SERVICE TO ITS readers, the Victoria Times today carries a 40-page supplement describing the phenomenal industrial growth of British Columbia during the last 10 years.

Here, on record, is the story of a province bounding ahead in primary production and manufacture, a part of Canada which in many ways has carried its postwar development to peaks unexcelled anywhere in the world.

Within the pages of this special edition are factual reports on different phases of activity which have drawn the participating interest of international finance and stimulated great domestic investment.

It is the story of British Columbia

growing up in the use of its vast resources. To a degree it is a prelude to a future of even greater material proportions.

Canada's giant of the Pacific Coast has been flexing its muscles. The sinews are shown in the utilization of those basic resources which give a land strength.

Paralleling physical development has been an improvement in living standards that gives British Columbia a position enviable throughout the world.

The special edition is a tribute to progress and to the men and women who have accomplished prodigies in the last decade. The citizens of this province may read it with pride and a clearer realization of the still broader opportunities before them.

## Let's Have the Facts

GREATER VICTORIA AMALGAMATION studies, impeded in former years by a reluctance on the part of city and municipal councils to take any action implying endorsement of the scheme, have moved to clearer ground.

The Victoria Chamber of Commerce, senior and junior divisions, has collected enough money to finance a survey of the subject. Chamber committees have tentatively secured the services of an expert to conduct the survey. The funds and the specialist will be available if the city, municipalities and departments concerned will co-operate.

This means that if the councils, the school board and other groups will make information available, the expert will take the job and the study can be undertaken.

One point has been made perfectly clear since the Chamber of Commerce entered the picture. It is not, primarily, fostering a move for amalgamation and seeking evidence to support it. The procedure has been

set out definitely as an effort to get all relevant information on the question before any judgment, for or against amalgamation, is reached.

Under these circumstances no council can justify any suspicious prejudicial to the survey. Such misgivings have, on earlier occasions, been the stumbling block against which those interested in the subject have run.

This newspaper makes no bones about its championship of a Greater Victoria metropolitan district. But the Times recognizes the obvious desirability of having all information placed before councils and other agencies concerned before expecting action on the question. For that reason it endorses the fact-finding inquiries which can be launched with the approval of the different municipal governments.

The interests of the community as a whole and the individual districts in it bespeak a positive and affirmative reply to the committee's plea for data.

## The Midnight Oil

THE DECISION TO INCREASE home work assignments in the grade schools will be met with mixed feelings. On the one hand, there will be the realization that Junior might well do with a little extra schoolwork, even if it cuts into his television time. On the other, there will be a few doubts as to whether Dad can cope with the new questions and problems that will be thrown at him.

Dividing up the traditional apples among A, B, C and D or writing a thousand words on one side of the paper only about "What I did during my holidays" have long been chores foisted upon one or both parents. Just what value the children get out of handing in such essays, for instance, is problematical. Does Dad run around the block by himself to get Junior in shape for the soccer

team? Then how do his abilities as an essayist benefit his child?

There are, too, the troubles connected with "sums." No matter whether the result proves right or wrong, it is bound to be met with the cry, "But that's not the way the teacher does it!" It does not take much of this to put the parent in a frame of mind where "Good, let teacher do it!" terminates the homework session.

But the homework chore can be beneficial even if it is never performed. The children are becoming rowdy after the evening meal? A quiet remark, "Perhaps you'd better get at your homework now," will work wonders. And there's nothing like the threat of a go-at-the-books to bring on a sudden tired feeling among the small fry and an accelerated exit to bed.

## Holiday Snapshots



## Chips

BY DAVID BROCK

SOMEbody over yonder on the great big beautiful mainland was complaining about the bad influence of professional football in Vancouver, now it has been promoted into great popularity. It is apt to become, or so its enemies claim, a kind of up-tree. (The up-tree, I am told, is a fabulous growth in Java that is supposed to poison everything for miles around.) If there exists any club whose avowed aim is to combat the excessive popularity of professional football in Canada, I'll be more than happy to join. It is not that I hate all professional sport as such. I just happen to dislike organized pep and organized boosters, and commercial fellows telling me where my amateur enthusiasm and duty should lie.

I AM tired of seeing Vancouver cars with stickers on their bumpers saying ROAR, LIONS, ROAR. Last year the stickers said LIONS ROAR IN 51, and I was rather hoping that this year we might have stickers saying WHAT, STILL ALIVE IN 55? That would have soothed me a lot. So would TAKE A DIVE IN 55, or DON'T CONNIVE IN 55, or YET TO ARRIVE IN 55. Or even something about drones in their hive in 55. But people don't try hard enough to soothe me. That's what makes me anti-social, I guess. Instead of taking horns out of the Lions' feet, I hope to insert a few. Well, it'll make them roar better, and that's what the boosters say they want. Roar, Lions, roar. "When you see the Lions you will roar!" That's a nice slogan... I have awarded myself \$50 for that one.

ANYHOW, there's a sports-writer who says that some of us knucklers and anti-boosters are cranks. We are jealous on behalf of our own pet sports, now being killed off by progress. We do not face the facts of life. Speaking for myself alone, I have no spectator sport of my own to turn me into a crank. Besides, cranks are earnest fellows, and single-minded... they are cheerleaders, in fact. Not me.

The sports-writer said some more things. (They often do.) He said "Our obvious answer to such scorn heaped upon the gaudy, rollicking bandwagon of pro football is the obvious one: fifty million Frenchmen can't be wrong. Sure, newspaper publicity lures them to the box office, but it's the game that brings 'em back." He also said "The football people did a tremendous organizing and selling job, and fully rate their current happy solvency."

WELL, far be it from me to examine a light-hearted sports-page argument too seriously and expose myself to fresh charges of being a crank. But this belief in the infallibility of the majority

goes a lot deeper than sports-writing. It is, if I may so express myself, more than pigskin-deep. (Oh, and by the way, I am not setting myself up as superior to sports-writers, least of all the particular one I am tangling with here. They quite often express themselves vividly, know their subject, and get a big kick out of both their subject and their own writing. Also, they get a kick out of people. How many classes of writer can you say those five things about?)

It is only too likely that "fifty million Frenchmen" can be wrong about practically everything. And I don't mean wrong in matters of taste, about which one cannot dispute. I mean demonstrably wrong. It is just as easy for fifty million to be wrong as it is for ten to be wrong. Easier, really, for once they get hysterical, the more the merrier. It was a lot easier for (say) eighty million Germans to like Hitler than it was for the first few dozen. Much easier.

AND fifty million Frenchmen can be a lot wronger at the end of a "tremendous organizing and selling job" than if they just arrived at their own conclusions, unorganized and unsold. A legitimate selling job consists of drawing people's attention to the quality of your wares. Even if the chief quality is an expensive and illogical and seductive charm, it is still reasonable to display such charms. It is a public service to provide as much charm as possible. There is little enough of it in the world. It is well worth paying money for, and it won't affect the logic of fifty million Frenchmen too badly. But a tremendous selling job in connection with a professional football team is not very apt to display the merits of Canadian football (as played by imported talent). It is more apt to be a frenzied appeal to a frenzied local patriotism. And it is quite possible for the tremendously sold and frenzied patriots to be wrong, whether they number a bar-full or a stadium bowl-full... that ever-flowing bowl! "Come, landlord, fill the flowing bowl, until it doth run over."

If a man's private amusements are contemptible and degrading, that's all right with me. To the pigs with him... he's there already. But I'm hanged if I'm going to be told that he must be right, just because a few or a lot of other people are along with him. Nor will I be told that he is the child of progress, or that I am a crank who is blind to the facts of life.

I am told that stadium is a Roman word. I can well believe it. The old Romans would fit right into most modern stadium crowds. Unhappily, the old Romans are no longer with us. I wonder why. At a guess, I would say too much stadium, too much pep and zip, too much civic pride, too much of the rooting section. I do not know the Latin for "Roar-lions, roar." But just stick it on your chariot and I will easily translate it.

## DENNIS THE MENACE



## From Our Files

Aug. 31, 1895: Some excellent specimens of the season's fruit have been received at the department of agriculture and an exhibit similar to last year's is being arranged for Victoria's annual fair.

Aug. 31, 1915: The last of some 100 workers are leaving for the prairie harvest fields today on the cent-mile excursion. Saskatchewan says the need is so great that Indians are being hired.

Aug. 31, 1933: The way has been cleared for an immediate start on construction of the new Westminster Bridge. Premier Pattullo signed a contract with the Dominion Bridge Co. in his office yesterday.

## Battle of Buttle Continues

### DOWN THE DRAIN

Reports say that Premier Bennett is determined to dam Buttle Lake. He talks like a democrat but acts like a dictator. Could it be that he and his cabinet of non-technical men are badly advised and are being "led by the nose"? That limpet non-productive body, the B.C. Power Commission, would appear to be pressing on regardless of the people. They talk of spending millions on dams to the danger of our fishing industry, pushing aside the common people who own Strathcona Park, when every student knows that nuclear-fission has outmoded all this.

Where is the urgency to despoil Buttle Lake for such doubtful gain at a time when Britain is today putting into use an atomic pile for the same purpose with a tremendous potential output, without disturbing a blade of grass? Premier Bennett, in a feeble effort to justify the fishing of our natural resources at Buttle Lake, says the decision was arrived at in a democratic manner, when, on the contrary, the decision rested with the water controller, another dictator.

Can the premier, even at this late hour, be persuaded to postpone this futile scheme for a few months while the latest proof be shown that it is unnecessary to pour our money "down the drain" for the sake of his "saving face" over a few kilowatts in a public park?

CLARENCE S. GOODE, FRSA.  
3190 Ripon Road.

### WHERE WILL IT STOP?

Is British Columbia to follow the tradition of Esau who, "sold his birthright for a mess of pottage?"

Strathcona Park was, with wonderful foresight, set aside for the recreation and enjoyment of the citizens of this province. It is now proposed to sell it for a "mess of power."

In the Bible story judgment was given against Esau, and he and his descendants suffered in perpetuity; today a citizenry which sells its last remaining stretch of primeval forest for a quick gain will also be sentenced to suffer for all time.

There are values to human beings far greater than electric power, necessary though that may be. Mr. Haig-Brown has spoken of some of them. Buttle Lake may be only a small part of Strathcona Park, but surely it is a sign of the sickness of our civilization that we can contemplate for one instant its ruin.

The fact that, to date, few people have visited Strathcona Park can carry no weight in this controversy, for the responsibility of any government or citizen is to the future generations as well as to the present. Where, then, will this stop?

Are we not allowing a dangerous precedent to be set up when we do not prevent the whittling away of a most valuable possession. That possession is a trust; let us guard and hold it.

VIOLET E. ASHDOWN.  
1658 Earle Street.

## An Unspeakable Outrage

After the most enjoyable vacation we have ever had my wife and I are resting for a day or two at the Empress Hotel before flying home and I am moved to write you a thank-you and a remembrance.

We flew to Victoria, rented a good U-drive car and visited every beauty spot we had ever read or heard about on Vancouver Island. We fished a bit for salmon and trout—caught some, too—but outstanding was the kind and courteous treatment accorded us by the Canadian people we met both at the lodges where we stayed and along the road where we asked many questions re direction and so forth.

We journeyed up the island to Campbell River, stayed a few days at a comfortable lodge, motored to Buttle Lake and roughed it for a couple of nights on the shores of the most beautiful lake I have ever seen. We were told that there was a plan afoot to log the shores and flats of this lake and then use it for water storage.

The logging and flooding of Buttle Lake would be such an unspeakable outrage against God and man that I cannot

conceive of sane and prudent people even contemplating it.

While my wife and I were staying in Campbell River we joined one of the conducted sightseeing trips through Zellerbach's Elk Falls Pulp Mill at Duncan Bay. This mill is now being doubled in size. I was told that this company is one of the three or four principal beneficiaries of the hydro power which is developed by the government in the Campbell River basin, and it seemed to be generally understood that if Buttle Lake was logged the timber would be purchased by this mill.

The Crown Zellerbach Company of California, owner of this enormous pulp mill, is an old and well established California company. It does not seem possible to me that this company could afford to be a party to the desecration of a park.

If Strathcona park is left as God created it, there is no doubt in my mind that it will, in the years to come, be the Mecca of tens of thousands of tourists and that it will produce for your province more income than all your pulp mills.

Thanks for a wonderful vacation—we'll be back.

PAUL H. TALBERT  
Bevely Hills, Calif.

## Something More Valuable Than Power

I have recently heard that there is still a chance that Buttle Lake in Strathcona Park can be saved from the ravages of the power corporation and kept unspoiled for the pleasure of naturalists and sportsmen. I should like to add my voice to those who can see in Buttle Lake something more valuable than a source of power.

This summer I had the good fortune to spend a holiday on Vancouver Island. For years I had heard and read of Buttle Lake, and had formed a desire to visit it. This summer the opportunity presented, and so, one lovely July day, with four friends, I traveled to Buttle Lake and spent a memorable day.

Yes, we had good fishing; we didn't catch any big ones, but we had wonderful sport with the lively cut-throat trout in that clear, cold water, especially at the creek mouths, themselves miniature beauty spots in their own right in the grand scene that is Buttle Lake. If we hadn't caught a fish, I would still have remembered the day as a rare experience.

Perhaps part of the beauty of Buttle

is its solitude; if so, we should cherish such places, and keep them from being overrun by the commercial activities that are too rapidly destroying our country.

I have seen the Alps, the Himalayas, and New Zealand's Southern Alps, and have enjoyed fishing expeditions in the fells of Iceland and below the Drakensberg mountains in South Africa; I have enjoyed the scene of some of our better known beauty spots in the Rockies, such as Lake Louise, but I think the beauty of Buttle in its unique setting of mountains rising from the very edge of the lake almost sheer to snow, with its sparkling waterfalls and green, always mossy solitude around, is the most beautiful of any of nature's offerings I have seen.

I hope that those in authority, or seeking "power," will visit Buttle and see something of the "glory" I saw, and so find the wisdom to leave it alone—so that there will yet remain the opportunity for people to visit Buttle Lake and be as we were that day—inspired and refreshed in its beauty, magnificence and solitude.

DAVID E. RODGER, MD.  
Regina, Sask.

## In a Class by Itself Among Lakes

A three-week trip that I made to the parks of western Canada this summer ended recently with a visit to Buttle Lake and a flight over the superb peaks of Strathcona Provincial Park.

I found this park fully the equal in scenic interest to the better-known national parks of the Canadian Rockies. Although the peaks are not so high, their proximity to the ocean is the cause of a greater snowfall at lower elevations, as is the case at Olympic National Park in the State of Washington.

Buttle Lake, the corridor leading to the scenic interior, is in a class by itself among mountain lakes. I am told that it is the last remaining wilderness lake on Vancouver Island that has not been logged off, though a few stretches of privately owned land at the lower end have been denuded and stand as a monument to the appearance of the lake shores as a whole, if the rest of it should ever suffer a similar fate.

For the last four or five years I have been actively engaged in the fight that was started by the National Parks Association in the U.S. to prevent the building of Echo Park Dam in Dinosaur National Monument on the Utah-Colorado border. This has been considered a critical test of the integrity of our national park system and the conservation organizations of the U.S. have been putting all their energy and resources into the struggle. Through their influence the bill that would have made the dam possible was defeated last month before it reached the floor of the House of Representatives.

When I learned of the order-in-council by the B.C. provincial cabinet on Aug. 1 to proceed with the building of a dam that would raise the level of Buttle Lake and make necessary the logging off of over two million board feet of timber, I thought of the parallel between this dam and our Echo Park dam, now happily killed.

In each case the dam would ruin some of the finest scenery in our park systems. In each case the supposed needs for power were given as an excuse for the proposed dam. In each case power could be obtained as cheaply in other ways, but that made no difference to the dam proponents.

In each case the economy of the region in the long run would gain more from travel to the scenic parks than from temporary stimulation by dam building. From the information that I gained during my visit, the people of British Colum-

bia are apathetic about this threat to one of their finest provincial parks. Another large and beautiful park, Tweedsmuir, has already been desecrated because of lack of public interest.

Isn't it about time that the citizens awoke to the importance of protesting the high-handed action of the provincial cabinet in authorizing the dam at Upper Campbell Lake? Certainly the Legislature which represents the voters should be given a hand in the decision. Certainly a public hearing should have been given, as the British Columbia Natural Resources Conservation League demanded. Certainly the premier, if he wishes, can delay action until the people have had a chance to speak their minds on the subject.

Strathcona Provincial Park was set aside as an inviolate area by the 1911 Legislature of British Columbia. Why should this action be annulled by the present cabinet at the behest of pulp mills demanding a little more power, and incidentally getting several million more board feet of trees for pulp?

Isn't it too late for the voters to express their feelings on the subject, and I hope that memories will not be short, when future elections are held.

C. EDWARD GRAVES.  
Western Representative, National Parks Association, Carmel, Calif.

## MARKED for READING

BENDING THE TWIG  
Most mothers are fairly ordinary, but not so to their children. For their children they start off almost perfect, gradually becoming degraded to very good. Something of the original perfection is always felt, however, and we call this idealization. A mother has to be very bad indeed to be unsuitable for idealization, and when she cannot be idealized she is felt to be much worse than she really could be. There is a great deal in every child to make for the extremes of the fairy godmother and the witch. Both fairy and witch have magical powers, as indeed the mother has over her own infant, being able as she is to give the infant a start, or alternatively so to distort the infant's early environment that there is no chance for normal growth.

—A children's psychiatrist in the BBC.



## In the Swim With a Book

LONDON—It's funny how you plan things and they never work out that way. Some time ago I wrote a novel and as it went from publisher to publisher, none of whom shared my enthusiasm for it, I thought to myself, "If I ever do click with one of them, what a celebration there will be!" I envisaged champagne flowing as I invited all my friends to share the news of my good fortune.

A year went by and then another and, as reject followed reject, I began thinking that the publishers were right and I was wrong. My London literary agent was convinced of it. He returned the manuscript to me and said it was unsalable. I sat down and rewrote the whole thing. The agent couldn't notice any improvement. He said, "Thanks all the same, but I'm busy with other things."

So I ran my fingers down the list of English publishers and came upon the name Cassell. Now I knew Cassells had published *The Cruel Sea*. My novel was about the sea. At Cassell's, I felt, one might find at least a receptive audience. I dropped it in the mail to them and then went off to Folkestone to cover Marilyn Bell's attempt on the Channel.

I had been a couple of weeks in Folkestone, writing about Marilyn's training and doing my part in seeing to it that the operators for rival papers didn't steal the story from under our noses, when one morning I was awakened in my hotel bedroom at an early hour by the phone ringing.

It was my wife, phoning from London. She was in tears and could hardly speak for crying. "What now, I wondered. One of our dogs run over, or what? Eventually she got out what she had wanted to say. Cassell had bought the novel. She'd got the letter that morning."

She'd almost not opened it. Another of those rejects, she had concluded. Better just put it aside and postpone the disappointment until he gets back from Folkestone. But she thought she'd have a look at the letter anyway, and there was the good news.

She called me to pass it on and then, excited that we had at last connected with a publisher, she got young Mac ready for school and took him up to the bus stop. Ten minutes later he was back on the doorstep. "What goes on?" he asked her. "I get the school bus at 8.30. It's only 7.30."

My wife was in a tizzy all right. At last the payoff had come, after months during the double writing of the book of keeping the kids out of earshot with constant reminders that "Daddy's working" and then literally years of rejection slips. I should have liked to have shared her excitement, but no sooner had I got the news than I was plunged again into the hurly-burly of covering a channel swim.

As I dashed back and forth between Folkestone and Dover and on jaunts out into the Channel and back, writing stories and phoning cables, I didn't have any real opportunity to say to myself: "Today I am a novelist." Getting the full benefit of the inner glow that comes from such news takes time. You don't rush a thing like that.

You sit quietly relaxed and see vistas of your novel becoming a best-seller and being snapped up by Hollywood, while you're lionized as a new literary find. But in my case I had too much to do to take time out for indulging in any of the inner glow stuff. And as for a celebration—I spent the evening playing snooker with our rivals, knowing that by doing so they couldn't be out snatching stories away from us. And I certainly wasn't going to buy them champagne.

## YOUR HEALTH

By DR. WALTER C. ALVAREZ

## More on Heredity

Dr. Alvarez is Emeritus Consultant in Medicine, Mayo Clinic and Emeritus Professor of Medicine, Mayo Foundation.

Speaking of heredity, shouldn't it occur to all of us that just as we inherit the features of our face and body, the color of our hair and eyes, our tallness or shortness, and our fatness or thinness, so we should inherit many attributes of our parents' brains? I was just thinking how heredity once came to the aid of a friend of mine, a Canadian, with an unusual family name. He had gone over to London with very little cash in his pocket but a letter of credit. On going to see the only friend in London who could identify him, he found the man was away on vacation and would not be back for a month.

In desperation he went to a bank and told the manager of his difficulty. The man said, "That's all right; how much do you want?" My friend said, "A hundred pounds," and the manager promptly initiated his check. With the money safely in his pocket, my friend went back and asked the manager how it happened that he had been willing to give so much money to perfect stranger. The manager said, "Why, you must have a bunch of cousins down in Kent with your same name. I know them, and some of them are the very image of you." Actually, they were second cousins, and my friend barely knew of their existence. The probability is great that some of the cousins had my friend's temperament, with perhaps some of his quirks of character and tendencies to chronic disease.

Once when my wife was in Dublin she decided to look up one of her half first cousins who share with her one grandfather. On walking into the office of this prominent barrister, what was her surprise to find a man who, in face and body, could have been an alike twin of her elder brother!

## ANIMAL BREEDERS KNOW

Breeders know that temperaments are inherited by their animals. To illustrate: since childhood I have been very fond of cats, and instinctively, they like me. Hence, years ago, I was puzzled when, after buying a pedigree Persian, I never could make friends with her. At any moment she was likely to sink her claws into my hand. Then, on talking to a friend who bred cats for the cat shows, she gave me the solution. She said that many of the cats in my animal's ancestry were well-known for their bad temper. Accordingly, I parted with my cat and got another Persian which, for the next 12 years or so, was my devoted companion and friend. The only time when I didn't quite approve of her behavior was when she would insist on waking me at two or four in the morning to show me, very proudly, a field mouse she had caught. Only

after I had enthusiastically admired her hunting prowess and the mouse, was I allowed to go back to bed!

The other day a nice looking woman came in complaining of pains all over a great sense of fatigue, terrible nightmares, great self-centeredness, an inability to concentrate, and occasional spells of depression. When asked if she had any nervous relatives, she said, "No." Later, when we got to be friendly, she admitted that her father was an alcoholic; a terrible man with an awful temper. He was so insanely jealous of his quiet, mousey little wife that he once shot and killed a neighbor who he thought had been making love to her. The jury let him off, because, as the girl said, "Everyone in town knew he was crazy." Later, he almost killed another man, again without justification. The patient's father's father was also hot-tempered, good-for-nothing, and his brother was exactly like him.

The patient's mother's father was an alcoholic. The patient's mother was often depressed; once she attempted suicide, and she ended her days in a mental hospital. This mother's sister was addicted to morphine; one of her brothers was a drunken hobo; another sister drank a fifth of whiskey a day, and eventually tried to end her unhappy life.

Of my patient's three younger sisters, one was born a small-headed baby.

## SPEECH DEFECT INHERITED

The other day a fine, able man came in to tell me how right he felt I was in speaking of heredity and stuttering, and of the occasional relation of stuttering to poor muscular coordination. He himself had a difficulty in talking which he thought was related to his bad facial tic. Every so often the muscles on one side of his face are convulsed a bit. Under emotional strain he will start air-swallowing and belching. At times his saliva runs too fast.

His father had a speech defect, and the father's mother has poorly coordinated muscles. She also has salivary glands that work much too fast. My informant's sister is very excitable, and she also "jams" when she tries to talk fast.

I will always remember a patient, an eccentric and odd man, whom I saw many years ago suffering from a group of symptoms which I thought were equivalents of psychosis. When I asked him about his relatives he maintained they were wonderful; nothing wrong with them. Thirteen years later he returned to say that because he had a troublesome conscience he felt he must tell me that his father was an alcoholic, his mother had been so depressed that she had shot herself, and the mother's three sisters and a nephew were all in mental hospitals.

For the next several months I could fill my columns with stories like this, told me by patients whose nerves were playing miserable tricks with them.

## WEATHER SYNOPSIS

**CITY'S WEATHER RECORD**  
Sunshine, 1955 1,584.4 hrs.  
Last year 1,502.2 hrs.  
Precipitation to date 14.73 ins.  
Last year 17.44 ins.

## SYNOPSIS—

Rain is falling along the north coast this morning in advance of a weakening Pacific storm which has just west of the Queen Charlotte Islands and light rain or occasional showers will spread into the central interior and to the south coast Thursday.

An intense storm in the central Gulf of Alaska will move north-eastward towards the northern British Columbia coast bringing southeast gales and rain to the north coast and generally cloudy cool weather in all sections of the province Thursday.

## DOMINION PUBLIC WEATHER OFFICE

## 9 A.M. FORECASTS

Valid Until Midnight Thursday  
Victoria: Sunny with cloudy intervals today, clouding over this evening. A few showers overnight. Cloudy with sunny intervals Thursday. Continuing cool. Light winds. Low-high at Victoria, 53 and 65.  
Vancouver, Strait of Georgia: Cloudy and cool. A little light rain after midnight tonight. Winds light. Fort St. John

except southeast 20 in Georgia Strait tonight. Low-high at Vancouver and Nanaimo, 55 and 65.  
West Coast Vancouver Island: Cloudy. Occasional light rain in the northern sector this afternoon. Occasional light rain in the northern sector this afternoon, spreading to the southern sector this evening. Cloudy Thursday. Little change in temperature. Light winds.

## TEMPERATURES

## YESTERDAY

Min. Max. Precip.

Victoria 53 63 .

ONE YEAR AGO

Victoria 52 60 .66

## ACROSS CANADA

St. John's 50 66 .

Halifax 57 72 .

Montreal 64 77 .57

Ottawa 62 83 .20

Toronto 59 83 .35

Winnipeg 45 72 .

Regina 46 75 .

Saskatoon 52 76 .

Lethbridge 50 88 .

Calgary 48 83 .

Edmonton 57 83 .

Kamloops 51 90 .

Penticton 52 84 .

Vancouver 55 68 .

Kimberley 51 90 .

Vancouver, Strait of Georgia: Prince Rupert 54 62 .

Cloudy and cool. A little light rain after midnight tonight. Winds light. Fort St. John 48 79 .

47 82 .

## Many Come—But Few Vote

Officials Puzzled as Fewer Names Added Each Year to Voters' List

By PETE LOUDON

City officials will watch the opening of the voters list with interest over the next two months, because in spite of a growing population, the number of new voters has been dwindling in the last ten years.

Where 905 new voters registered in 1946, only 62 names were added last year.

But at the same time Victoria manages to get a greater share of the registered voters to the polls than most other Canadian cities.

There are 20,434 names on the voters' list at present. In 1953, the last election in which the mayorality was to be decided, there was a record 51.24 per cent vote cast. Last year, with no mayorality campaign, 35.63 per cent still voted.

## FEW RAN MANY

It is interesting to note that these 7,280 citizens are in effect directing the affairs of an estimated 53,000 men, women and children of Victoria.

City Clerk M. F. Hunter is responsible for preparation of the municipal voters' list. It is made up each year at 5 p.m. Oct. 31, unless that is a Sunday. Then the deadline is Nov. 1.

The list opens Thursday, Sept. 1. To it will be added names of new property owners, house-holders, licensees and spouses.

A property owner goes on the list automatically and may vote for mayor, aldermen, school trustees, police commissioners, and on referendums and money by-laws. Persons on the list as householders, licensees and spouses may not vote on money by-laws. All must be British subjects and over the age of 21.

A householder must make a declaration of qualification in order to get on the list and must be a resident of the city since Jan. 1. Householders, if they are women under 60, are required to pay \$2 road tax in order to vote.

Householders, if they are men under 60, are liable for road tax and the \$5 poll tax. Over 60, they are exempt from road tax and exempt from poll tax if their income is less than \$700.

## MILITARY EXEMPT

The military, war pensioners or taxpayers on some other property in B.C. are exempt also from the poll tax. Servicemen are also exempt from road tax.

All exempted men must register each year except where poll tax exemption is claimed due to the man being returned from overseas service in either world war and certified medically unfit or temporarily invalided, or in receipt of pension.

Licensees having once registered are kept on the list automatically as long as their licence fees are paid up to the following January. They do not require to be re-registered.

If they were not on the list last year, they must register. A spouse, husband or wife of a landowner may register if he or she has been a resident for six months. The name is continued on the list provided the spouse fills out a confirmation each year at the city clerk's office.

## II SPOUSES LISTED

Last year, the first that the spouse category was permitted, only 41 were so registered.

At present there are 17,688 landowners, 2,298 householders, 407 licensees and 41 spouses registered. Of the total, 54 per cent are men, 46 per cent are women. About 62 per cent of all votes cast are by men, 38 per cent by women.

City clerk Hunter can't explain why fewer new names are being added to the list each year. New voters numbered 905 in 1946, 570 in 1947, 476 in 1949, 229 in 1953, and 62 in 1954.

A court of revision which will place on the list any names

## Bolt From Sky Scares Bathers

VIENNA (AP)—Sunbathers in a Vienna park ran for their lives Tuesday when a bolt from the blue split a large cherry tree in their midst from top to bottom. The bolt turned out to be a 20-pound metal bar which had dropped off an airplane passing overhead.

## LABOUR DAY BUS SERVICE

Monday, Sept. 5

VICTORIA-NANAIMO  
PORT ALBERNI  
CAMPBELL RIVER  
Scheduled Service

Plus:

Lv. Victoria 6.30 p.m.  
Lv. Duncan 7.35 p.m.  
Ar. Nanaimo 8.25 p.m.  
(Reserved Seats)

SIDNEY-DEEP COVE

Saturday Service

WEST SAANICH-  
CORDOVA BAY

Sunday Service

SWARTZ BAY

Regular Service

OLD WEST ROAD

No Service

JORDAN RIVER

Lv. Victoria 4.15 p.m.

620 Broughton Phone 8-1177

## NINE MONTHS FOR POSSESSION

A Vancouver woman was sentenced to nine months in jail when convicted Tuesday in Vancouver of possessing four wrist watches stolen in the largest jewelry store burglary in Victoria's history.

She is Mrs. May Clarke, 48, a cook at the State Hotel, Vancouver.

The four watches were taken in a \$36,000 raid at Rose's Ltd., jewelers, 1317 Douglas, Victoria, in May.

aldermen, one police commissioner and two school trustees. Council has tabled a motion for a referendum on a two-mill levy to provide a new Point Ellice bridge and may hold a referendum on fluoridation.



Lamb tonight?

No matter how you like your lamb—roast, boiled or baked—there's a bottle of chilled Messor St. David's white wine. And too, this is your ideal "accompanying" wine—serve it any time.

Messor St. David's wines are now available in all B. C. Liquor Control Board stores.

Bright's Wines

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# IT WAS HIS HEADACHE!

## what to do with 1050 SKIRTS

That was his problem . . . how to dispose of them without annoying his customers . . . then our Mr. Eddy came on the scene . . . he stepped in and solved the problem . . . helped him out while helping you . . . our customers to the greatest value you'll ever see.

## So Now They Come to You as Manufacturer's Surplus

### 800 of 'em

In tweeds, worsteds, authentic tartans, 100% wools and some felts. Straight styles, unpressed pleats and all-round pleats, also flairs . . . Plain colors and checks.

Regular \$14.95 to \$21.95 and now

\$5<sup>95</sup> \$7<sup>95</sup> and \$9<sup>95</sup>

## COTTON SKIRTS TOO . . .

### 250 of 'em

Reg. \$7.95 to \$14.95 NOW

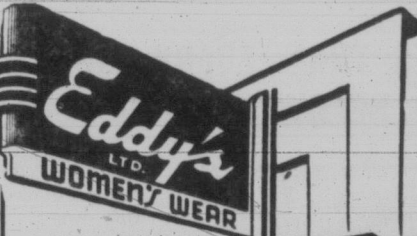
\$3<sup>95</sup> \$4<sup>95</sup> and \$5<sup>95</sup>

Just what you need in these last summer days . . . perfect too for wear around the house or for square dancing.

... AND USE YOUR

PLAN-A-COUNT TOO

Take advantage of this simple way to pay. No interest . . . no carrying charges . . . no extras and six months to pay.



Modern store for the modern woman and her children

ON, OVER AND UNDER DOUGLAS



## Armed Police Guard Court House At Irish Convict MP's Hearing

ENNISKILLEN, North Ireland (Reuters)—Armed police guard every courthouse entrance Tuesday as action opened to disqualify a Sinn Féin convict who won a British House of Commons seat from a jail cell.

The winning candidate was 21-year-old Philip C. Clarke, who is serving a 10-year jail term for his part in an armed raid on a British army barracks in Northern Ireland last year. He was a candidate of the Sinn Féin party, whose aim is to break Northern Ireland's political ties with Britain and unite it with the Irish republic, by force if necessary.

The extraordinary precautions were taken to prevent any possible violence by the Sinn Féin or the outlawed Irish Republican Army. Britons have been thrown into a whirl recently by I.R.A. raids on army camps to capture guns and ammunition.

When the court adjourned for lunch the judges' car was followed by a truck with six armed police.

Clarke, who won the seat of Fermanagh and South Tyrone in the May 26 general election with a 261-vote majority, announced through his campaign manager he would take no part in the hearing on a petition to disqualify him.

Defeated candidate Lt.-Col. Robert G. Grosvenor of the Unionist Conservative party, the petitioner, says that the 30,529 votes cast for Clarke were null and void. He contends the 30,268 votes cast for him were the only valid ballots and entitle him to the House of Commons seat.

The court adjourned Tuesday

## WEST GERMANY TO JOIN BIG 3 NEW YORK TALKS

WASHINGTON (UP)—The Big-Three foreign ministers will meet in New York Sept. 27 and 28 to coordinate Western strategy for the Big Four foreign ministers conference in Geneva in October.

The U.S., British and French diplomats will be joined Sept. 28 by West German foreign minister Heinrich von Brentano.

An announcement, issued simultaneously in the three western capitals, said "these meetings are a part of the preparatory consultations which have already begun between the French, the United Kingdom and the United States governments and their NATO partners."

In expectation of a long sitting, peated to be heard, and the 60. More than 200 witnesses are ex- 000 ballots will be presented.

## All-Canada Pipeline Parley Set Thursday

By VICTOR MACKIE  
Times Ottawa Correspondent

OTTAWA—Prime Minister L. St. Laurent and Rt. Hon. C. D. Howe, minister of trade and commerce, will meet Premier E. C. Manning of Alberta Thursday morning to discuss the prospects for an all-Canada gas pipeline.

Thursday afternoon the Prime Minister and Mr. Howe will report to a meeting of the federal cabinet the results of their discussions with the Alberta premier.

Representatives of Trans-

Canada Pipelines Limited will be in Ottawa for the meeting. However, indications were Wednesday that they might not sit in on the meeting Thursday morning.

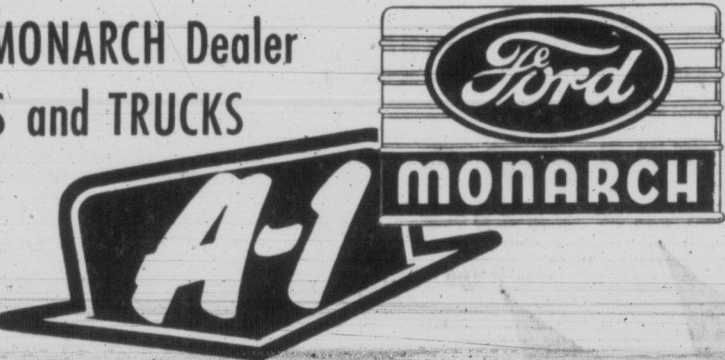
N. E. Tanner, president of Trans-Canada Pipelines, arrived Wednesday with Premier Manning.

TO MISS CYCLE MEET  
MANCHESTER, Eng. (AP)—Reg Harris, Britain's four-time world champion, announced on Tuesday that injury would keep him out of the world professional cycling championships which start in Milan Wednesday.

# It's raining bargains at your FORD-MONARCH DEALER'S "September Shower of Bargains" in USED CARS and TRUCKS

Only your FORD-MONARCH Dealer sells **A-1** USED CARS and TRUCKS

Look for the signs that say "Best Value-Top Quality"



ALL MAKES  
ALL MODELS

EVERY USED CAR AND TRUCK THAT RATES THE A-1 SIGN HAS BEEN:

- Reconditioned by expert servicemen for appearance and performance.
- Inspected and checked for safety.
- Priced for outstanding value.
- Truthfully and accurately advertised.
- Warranted by your Ford-Monarch Dealer and backed by his reputation.

COME IN AND MAKE A DEAL...YOU'LL DRIVE AWAY A WINNER!

**THIS WEEK ONLY — You Will Save up to \$820<sup>27</sup>**

These Are Genuine Discount Prices Which We Are Forced to Offer Because of Our Huge Over-Stocked Inventory. Compare Them With Any Price in Western Canada. NO DEALER IN WESTERN CANADA CAN EQUAL THESE PRICES!

You'll Get the Lowest Price in Western Canada—PLUS

- ★ EASIEST BUDGET TERMS on the balance
- ★ FREE LIFE INSURANCE on your time payments, including personal accident benefits.
- ★ EMERGENCY TRAVEL CREDIT CARD
- ★ NO PAYMENTS TILL OCT. 15th

**NATIONAL GUARANTEES THAT EVERY USED CAR AND TRUCK WILL BE SOLD BELOW COST!**

1954 FORD SEDAN CUSTOM. Air conditioner. One owner. A1. <b>\$1795</b>	1952 FORD SEDAN. Air conditioner. One owner. <b>\$1495</b>	1950 STUDEBAKER SEDAN. Air conditioner. One owner. A1. <b>\$995</b>
1954 CHEV 4-DOOR SEDAN. Heater. One owner. <b>\$1595</b>	1952 PONTIAC 2-DOOR. Heater. New paint. <b>\$1295</b>	1951 METEOR SEDAN. Air conditioner. Tops. <b>\$1145</b>
1953 CONSUL 4-DOOR SEDAN. Air conditioner. <b>\$895</b>	1951 PLYMOUTH SEDAN. Black finish. Air conditioner. <b>\$1095</b>	1951 MORRIS MINOR 2-DOOR. Heater. <b>\$595</b>
1953 PONTIAC SEDAN. Air conditioner. One owner. <b>\$1495</b>	1951 MERCURY SEDAN. Air conditioner. A1. <b>\$1195</b>	1949 FORD SEDAN. Heater. A steal. <b>\$595</b>

**MANY—MANY MORE TO CHOOSE FROM...**

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"A FIRM THAT STANDS BEHIND ITS WORD AND PRODUCT"



## G AND S SOCIETY PLANS FALL EVENT THURSDAY

Fall programs of the Victoria Gilbert and Sullivan Society will be outlined at a general meeting Thursday at 8 p.m. in the Duck Building.

The club is planning a fall concert with selections from several Gilbert and Sullivan operettas.

Auditioning of new members will take place following the meeting and prospective members are welcome to attend.

## IN TIME for LABOR DAY



## SPORTS COAT SPECIALS!

And what specials they are. Fine imported tweeds, smartly cut and long wearing. Broken sizes of course, but values to \$42.50 going for

**\$26<sup>95</sup>**

AND AS A COMPANION PIECE...

## SLACKS

Smartly tailored in grey and charcoal. All sizes and values to \$19.95 for only

**\$14<sup>95</sup>**

**MURDOCH GIRARD LTD.**

623 Yates  
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Just Below Broad



## Great District School Growth Well Underway

First Phase Only To Be Completed This Winter at Cost of \$1,700,000

The greatest school expansion plan in the history of this district, comprised of 11 additions or new constructions costing close to \$1,700,000 is well underway.

**CONQUERED ERIE**—A wide grin bespeaks a happier ending to this swimmer's long-distance test. Ray Muenich, 26-year-old Windsor athlete, successfully defied the treacherous currents in Lake Erie to become the first man to swim the 18 miles from Pelee Island to the mainland at Kingsville, Ont. Currents slowed him to less than a mile per hour during the 22-hour ordeal.

## Graham Takes CGS Post At Midnight

OTTAWA (UPI)—The army gets a new chief of staff at midnight tonight, with or without the traditional handshake from the retiring chief.

**LT. GEN. HOWARD D. GRAHAM**, 57-year-old former mayor of Trenton, Ont., takes over the post of chief of the general staff at midnight. He succeeds Lt. Gen. Guy Granville Simonds, whose retirement at the age of 52 caused a political uproar in parliament.

Graham was due in Ottawa "some time today," officers in the chief of staff office said. He officially takes over his new duties at midnight. Simonds was en route home from Europe.

## Non-Catholic Hymns Appear in New Hymnal

PITTSBURGH (AP)—A new Roman Catholic hymnal now being prepared for use by American Catholics will contain a number of hymns written by Catholic saints but in use only in Protestant churches.

The hymnal also will contain hymns written by non-Catholics but considered suitable for Catholic use.

## COLQUITZ BIGGEST

The biggest single project is the Colquitz Junior High School. The contract for construction of the 26-room unit was signed on Monday with McKinley & Sons for \$193,885. It is hoped to be ready for use next September but ground is still to be broken.

All the other projects are nearing completion and most should be in use before or soon after Christmas.

There is a ten-room addition at Willows and 10 rooms being built at Oaklands. Doncaster is getting eight rooms and View Royal has four more almost completed. Two rooms are being built at Frank Hobbs School and there are two classrooms and a new gymnasium under way at Victoria High School.

Besides the new Colquitz Junior High, there is a new construction almost ready at Macaulay, where there will be eight rooms and an auditorium. Cement is being poured for a new six-room Glenford school and a new Gordon Head school will be of similar size.

Work is being rushed at the new Richmond primary school where four annexes moved from Willows and Oaklands are being joined in a cottage-style construction as a temporary relief.

## TO MEET TEACHERS

It goes into operation Monday, Sept. 12, and pupils who have been already enrolled should appear at the school Friday, Sept. 9, to meet teachers and obtain lists of personal needs.

At Willows shifts are still probable until Christmas. About 125 pupils left the school in June, 40 being transferred to Richmond. But another 170 are coming in.

The new rooms at Frank Hobbs will take four classes off shift and at Oaklands, which is not as far advanced as Willows due to the need to install new boilers and completely rewire.



**SLAIN**—Mrs. Louella Gonerman, mother of three children, was shot to death in her home at Chatham, Ont., after what police described as a family argument. Her husband, Ralph Gonerman, 40, was found unconscious beside her a bullet in his head and an automatic pistol at his side. A daughter, Jeanette, 14, had been struck in the neck by a bullet.

## Mayors Back Move to Tax Crown Lands

EDMONTON (CP)—The Canadian Federation of Mayors and Municipalities Tuesday approved a resolution asking the federal government to pay full municipal taxes on crown property.

The convention also asked the federal government for "early action" exempting municipal purchases from sales tax.

The resolution pointed out it was not fair that a municipality be obliged to burden its citizens with taxes in order to pay a superior government.

Delegates approved a motion asking the federal government to again make operative the provisions of the Municipal Assistance Act which in 1938 created a fund of \$30,000,000 for making loans at two-per-cent interest.

**FIRST POLICEWOMEN**—Policewomen first appeared in London in 1917.

## UNION SHIP STRIKE PROBE OPENS

VANCOUVER (UPI)—Federal labor conciliator Dr. Eric G. Taylor of Toronto today opened an industrial inquiry into the nine-week strike against the Union Steamships Co.

Taylor said he would try to find some settlement. He also will investigate a company request to prosecute the union for an alleged illegal strike.

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"Ruffian" spiced suede 10<sup>95</sup>

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749 Yates St.

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## WE CARRY A COMPLETE LINE OF SCHOOL SUPPLIES

English Bone China **79<sup>c</sup>**  
CUPS AND SAUCERS  
Reg. 98c

POTTED **39<sup>c</sup>**  
PHILODENDRON  
PLANTS

**KLEENEX TISSUES 2 Pkgs. 35<sup>c</sup>**

LADIES' **39<sup>c</sup>**  
Fancy Rayon Panties  
Reg. 59c

44-PAGE **9<sup>c</sup>**  
EXERCISE  
BOOKS

MEN'S WORK HOSE **49<sup>c</sup>**  
Nylon Reinforced  
Reg. 69c

★ ENGLISH **29<sup>c</sup>**  
LICORICE **55<sup>c</sup>**  
ALLSORTS **lb.**

★ CHOCOLATE **39<sup>c</sup>**  
ECLAIR BISCUITS **lb.**

★ LOWNEY'S **79<sup>c</sup>**  
CHOCOLATE **lb.**  
BRIDGE MIXTURE

★ FRESH-TOASTED **39<sup>c</sup>**  
MARSHMALLOWS **lb.**

★ Above 4 Items Also Featured at  
THE **CANDY BOX** (OPPOSITE EATON'S)

All False Teeth Need  
Daily Cleaning with  
**"Steradent"**  
DENTURE  
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**E**specially made to rid any denture of dulling deposits, food debris, mucin film, tarnish, tobacco and other stains, safely!

**F**ar more effective than ordinary brushing or other home care!

**P**owerful, penetrating, purifying

**"OXYGEN ACTION"**  
MAKES ALL THE DIFFERENCE!

**"Steradent"**  
AT ALL DRUG COUNTERS

—FREE TRIAL SAMPLE—  
Prove Steradent's superior cleaning at our expense. For free sample, mail coupon to Reckitt & Colman (Canada) Limited, Dept. C, 1000 Avenue St., Montreal.

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STORES (VICTORIA) LTD.  
QUALITY... LOW PRICES... PHONE 2-7231

Fully-Fashioned 21-Gauge Botany Wool  
**IMPORTED SWEATER BEAUTIES**  
Lovely in quality and color, flawlessly made from soft Botany wool, they're indeed beauties, wonderful for school, office and casual wear. Buy singly or in matched sets.

Short-sleeved Pullovers, with Peter Pan collar. Sizes 38 to 40. **\$5.95**  
A Woodward Special

Cardigans... Classic style, button to high, round neckline. Sizes 36-42. A Woodward Special, **\$6.95**

Colors for both pullover and cardigan: Dusk, rose, sky-blue, light grey, cherry red, tan, aqua, yellow and white. Woodward's Sportswear

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**DEMONSTRATOR**  
**Sewing Machines**  
Necchi, Bernina, Beacons  
AT **WOODWARD'S SEWING CENTRE**  
750 PANDORA AVENUE  
Display and demonstrator machines at substantial savings. Portable and console models in walnut and blond finishes. One each of most models. Shop early. Trade-ins accepted. Easy credit terms if desired. Woodward's Sewing Centre

**NORGE AUTOMATIC WASHERS**  
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● Free Demonstration without obligation!

● Installation To Approved Plumbing No Extra Cost!

● NORGE for Best Automatic Washer Value!

NEW LOW PRICE **\$379.00**  
Your Post-War Enamel Tub Washer Allowance **\$100.00**  
YOU PAY ONLY **\$279<sup>00</sup>**  
TERMS AS LOW AS **\$3.00 PER WEEK**

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Woodward's Home Appliances





# Enjoy outdoor eating!

## Pick up your PICNIC NEEDS ...at **SAFEWAY**

### MONDAY IS LABOR DAY

Safeway stores will be closed.  
Remember to shop for the long holiday.

Be ready for the long week-end with plenty of "good eats" from Safeway... Safeway offers you a fine selection of picnic needs... guaranteed to satisfy or your money cheerfully refunded.



**PRICES EFFECTIVE**

**SEPTEMBER 1st, 2nd and 3rd**

In All Greater Victoria Locations

#### PICNIC NEEDS

Crabmeat	Silver Fan, for Salads and Sandwiches, 6 1/2-oz. tin	44c
Pork and Beans	Taste Tells, in tomato sauce, 15-oz. tins	2 for 23c
Sweet Mixed Pickles	Libby's, 16-oz. jar	39c
Hamburger Relish	Nalley's, 12-oz. jar	33c
Hot Dog Relish	Libby's, 16-oz. jar	38c
Prepared Mustard	French's, 7-oz. package	24c
Potato Chips	Nalley's, fresh, 7-oz. package	35c
Large Ripe Olives	Ebony, 16-oz. tin	28c
Cheezip	Burns', Cheese Spread, 8-oz. jar	31c
Marshmallows	Angelus, plain or colored, 1-lb. package	39c
Popping Corn	Sunny Hills, 1-lb. package	19c
Soft Drinks	Assorted, handy-to-carry cartons	6 bottles 36c

#### CIGARETTES

ALL POPULAR BRANDS

**3 Packages 89c**

Carton of 10 packages **\$2.95**

#### Berkshire CHEESE

Canadian Cheddar

Mild	lb.	53c
Medium	lb.	59c
Sharp	lb.	65c

#### Geisha TUNA FISH

Solid Light Meat... 7-oz. tin

Each **24c**

Spreadable

#### CHEESE

Burns'... For tasty sandwiches and cold plates

**2 lb. packages 95c**

#### Check These Values

Apple Juice	Westfair, Choice, 20-oz. tins	3 for 37c
Pineapple	Highway, half slices, 20-oz. tin	29c
Blended Juice	Blend O'Gold, 48-oz. tin	31c
Choice Peaches	Halves, O'Gold, 15-oz. tin	22c
Green Peas	Taste Tells, Assorted, Choice, 15-oz. tins	2 for 25c
Golden Cream Corn	Country, 15-oz. tins	2 for 33c
Spaghetti	Libby's, in tomato sauce, 15-oz. tins	2 for 35c
Margarine	Good Luck, top quality, 1-lb. pkgs.	2 for 73c
Vinegar	Heinz, white, for the pickling season, 160-oz. jug	89c
Paper Napkins	Nook Naps, Package of 70	2 for 29c
Paper Plates	Assorted sizes, packages	2 for 25c
Wax Paper	Westminster, 100-ft. rolls, each	26c
Pepsodent	Toothbrush, Deal	89c
Mayonnaise	Piedmont, 16-oz. jar	44c
	32-oz. jar	85c

## LUNCHEON MEAT FRUIT COCKTAIL TOMATO JUICE

Burns' Spork, 12-oz. oblong tin **40c**

Dole's Fancy, 20-oz. tin **31c**

Sunny Dawn, 20-oz. tin **2 for 31c**

#### CANTERBURY TEA

Orange Pekoe

Tea with a satisfying flavor...

16-oz. package

**\$1.29**

#### TEA BAGS

Orange Pekoe, Package of 60 bags

**79c**

#### ICE CREAM

Party Pride... Strawberry, Vanilla, Chocolate and Feature Flavor of the Month Pint Brick

**2 for 45c**



Send 'em off happy...with delicious

### LUNCH BOX FAVORITES!

Safeway offers you a fine selection of tasty treats for the lunch box... keep young scholars "bright-as-a-dollar" with plenty of nourishing foods...

#### Quick School Lunches

Jellied Chicken	Boulter's, 7-oz. tin	48c
Sardines	Brunswick, packed in oil, 3 1/2-oz. tins	3 for 28c
Beans 'n' Ham	Puritan, 15-oz. tins	2 for 59c
Peanut Butter	Beverly, crunchie style, 16-oz. jar	37c
Peanut Butter	Beverly, regular or homogenized, 24-oz. jar	49c
Chicken Soups	Campbell's, 4 varieties, 10-oz. tins	2 for 37c
Soda Crackers	Superior oven fresh, 16-oz. package	26c
Kraft Dinner	A meal in 7 minutes, 7 1/2-oz. packages	2 for 27c
Meat Spreads	Puritan, assorted, 3 1/2-oz. tin	2 for 29c

Fruit Cake	Mrs. Willman's, approx. 2 1/2-lb. cello wrapped	99c
Cake Mix	Shirriff's, chocolate or white, 16-oz. package	34c
English Biscuits	McVitie & Price chocolate table fingers, 8-oz. tin	45c
Cream of Wheat	Regular or 5 Minute, 28-oz. package	30c
Rolled Oats	Robin Hood, Quick or Regular, 5-lb. bag	49c
Sunny Boy Cereal	4-lb. package	49c
Rice Krispies	Kellogg's, 9 1/2-oz. package	28c
Post's Sugar Crisp	8 1/2-oz. package, with package Koolaid	28c

September Family Circle  
Now on Sale... Still **5c** only

#### PINEAPPLE JUICE

Lalani or Dole's Hawaiian, 48-oz. tin **2 for 59c**

#### KITCHEN KRAFT

ALL-PURPOSE FLOUR 10-lb. bag **54c**  
Less 15c **39c**

#### SWEET BISCUITS

David's, assorted, 1-lb. package **35c**

#### KITCHEN KRAFT

ALL-PURPOSE FLOUR 24-lb. bag **\$1.44**  
Less 15c **1.29**

#### Airway Coffee



The mild and mellow coffee in the yellow bag.

1-lb. bag **93c**  
2-lb. bag **\$1.84**

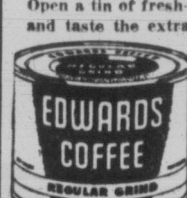
#### Nob Hill Coffee



The coffee that tastes as good as it smells.

1-lb. bag **95c**  
2-lb. bag **\$1.88**

#### Edwards Coffee



Open a tin of fresh-roasted Edwards and taste the extra-rich flavor...

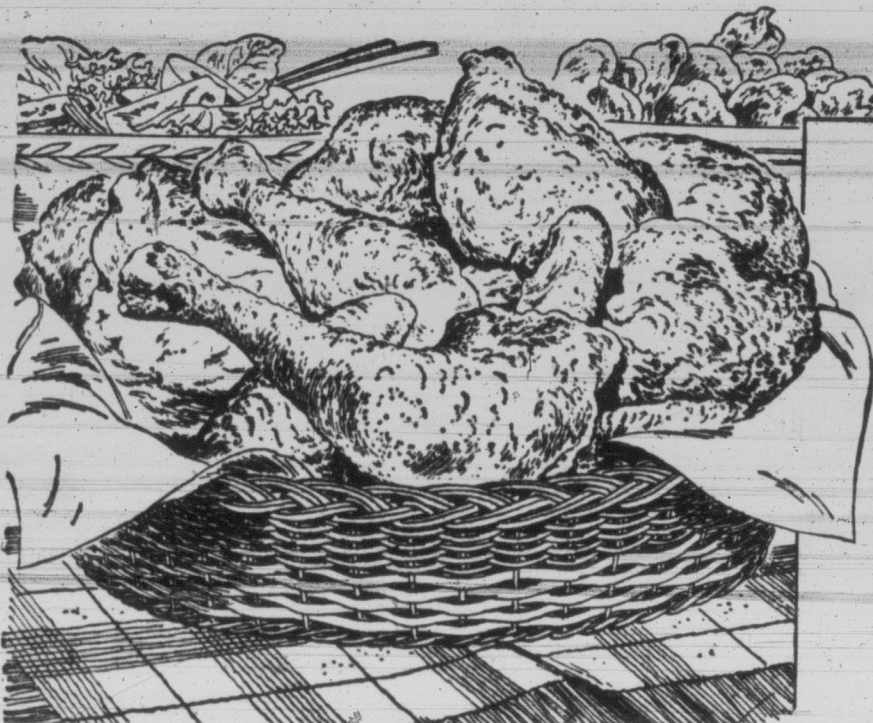
16-oz. vacuum packed tin **99c**



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with good foods from **SAFEWAY**



## SAFEWAY Select Quality FRYING CHICKEN

Plump and tender  
meated... Take on your  
picnic... or serve deep  
fried for Sunday dinner.

**LB. .... 59c**

**Ready-to-Eat HAMS** North Star or Swift's, Whole, Half or Quartered, lb. **65c**

**Beef Cross Rib ROAST** Grade Red 'A', lb. **56c**

**Beef Chuck ROAST** Safeway Trimmed, Grade Red 'A', lb. **35c**

Luncheon Meats		
Chicken Loaf	6-oz. cello package	25c
Old Fashioned Loaf	6-oz. cello package	27c
Macaroni & Cheese Loaf	6-oz. cello package	25c
Dutch Loaf	6-oz. cello package	25c
Pickle & Pimento Loaf	6-oz. cello package	25c
Luncheon Meats	12-oz. Platter Pack	47c
English Brawn	6-oz. cello package	22c

### BOLOGNA

No. 1 Quality  
Lb. 29c

North Star or  
Swift's Premium

### Side BACON

Sliced, Rindless  
Picture Package

1 lb. 63c

### No 1. WIENERS

For delicious  
hot dogs, lb. **33c**

Swift's Premium  
READY-TO-EAT  
PICNICS

Whole or Shank Half  
Lb. 49c

Veal

### FILLET

Roast or Steak, Milk-Fed  
Choice Quality

Lb. 89c

Veal

### Shoulder ROAST

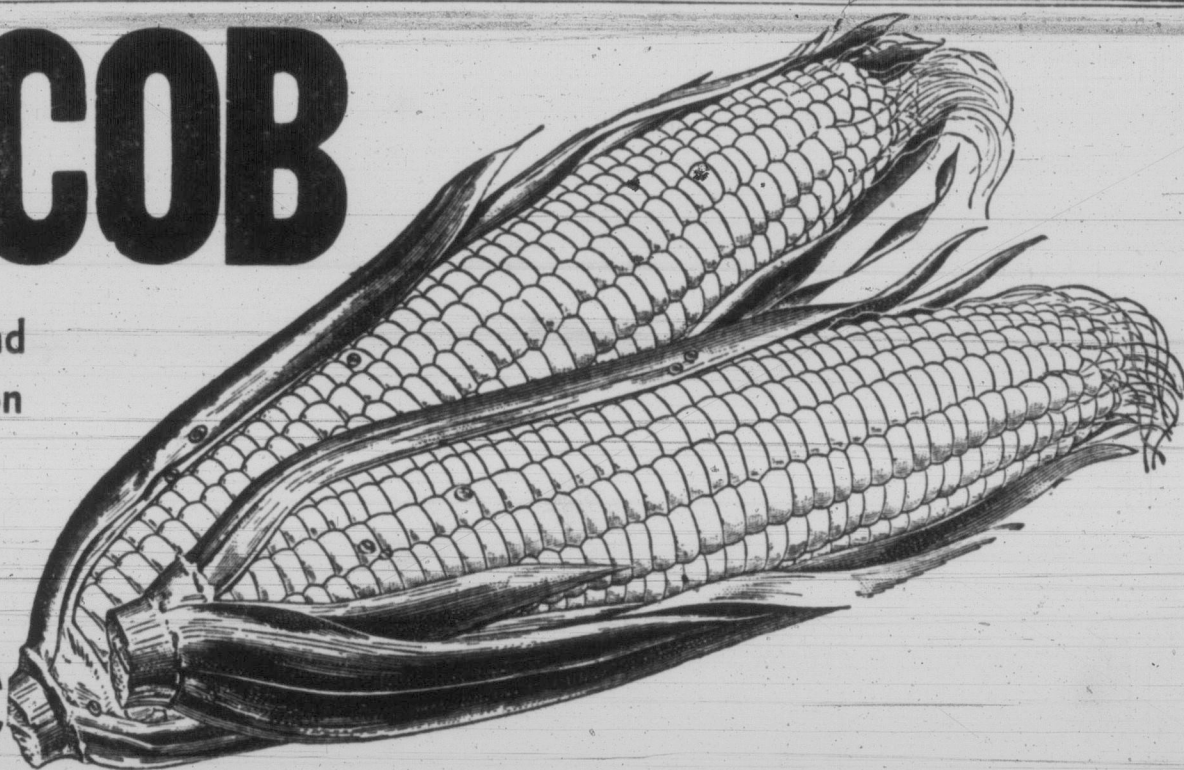
Round Bone, Choice Quality

Lb. 52c

# CORN-ON-THE-COB

Fresh well-filled ears . . . picked at the right stage and  
rushed to market . . . Serve fresh hot-buttered corn on  
the cob often.

**2 LBS. 17c**



Cooking Apples	2 lbs.	25c
Okanagan Duchess	2 lbs.	31c
Grapefruit	2 lbs.	31c
Red Malaga Grapes	2 lbs.	25c
Tasty tart flavor		
Valencia Oranges	6 lbs.	63c
Sweet, juicy . . . in cello bag	2 lbs.	37c
Bartlett Pears	2 lbs.	37c
Santa Rosa Plums		25c
Dessert . . . lb.		17c
Sweet Melons		21c
Honeydew, Casaba, Persian, lb.		
Sunkist Lemons		
Juicy, for lemonade, lb.		

Tomatoes	Imported Beefsteak, lb.	19c
Cucumbers	Okanagan Field, lb.	15c
Head Lettuce	Local, crisp heads, lb.	13c
Topped Carrots	Local, crisp and sweet	2 lbs. 17c
Radish and Green Onions	2 bunches	11c
Celery	Local, fresh and crisp, lb.	10c
Green Bell Peppers	Flavorable, lb.	19c
Potatoes	Local . . . In cello bag	10 lbs. 45c

**WATERMELON** Red Ripe, Juicy, Sweet **5c**

**CANTALOUPE** Honey-Sweet, Vine-Ripened **10c**

**Seedless GRAPES** Juicy, Sweet and Tender **2 lbs. 23c**

OKANAGAN		RIO OSO AND HALES	
APRICOTS	Gold, firm fleshed Approximately 14-lb. case	PEACHES	CASE \$2.09
	\$1.79		Approx. 16-lb. case

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CANADA SAFEWAY LIMITED













## ACCIDENT FAILS TO HALT VICTORIAN'S BIKE JAUNT

KEREMEOS, B.C. (CP)—Mal Potts, 18-year-old Victoria cyclist attempting a non-stop bicycle trip from Kelowna to Vancouver, suffered a slight accident Tuesday outside Keremeos when his bicycle hit a bridge.

Potts was uninjured and he continued on his way to Princeton. If successful, Potts will be the first cyclist to make the 300-mile trip non-stop. He will carry greetings from Mayor J. J. Ladd of Kelowna to J. E. Moffitt, president of the PNE.

He was expected to arrive in Vancouver 5 p.m. today.

## RETURN FROM U.S. STIRS MOB

### 200 Angry Britons Boo Woman Who 'Sold' Baby

NEWTON LE WILLOWS, B.C. (AP)—An angry crowd of about 200 neighbors shouted in suits Tuesday night outside the home of Thomas McDonagh and his wife, who gave their youngest baby to a family in the United States.

Mrs. Lillian McDonagh, 34, returned from the United States on Tuesday after leaving her 18-month-old baby Joyce with Sgt. George Vinansky and his wife in Holly Hill, S.C.

"My little girl is happy over there. She's got a good home," Mrs. McDonagh told reporters at London airport. She described as a "horrible untruth" a rumor that she had sold the child to the Vinanskys.

"All I've had from them is my air fare to America and my keep while there," she said. The hostile crowd gathered at the McDonagh home as word spread that she had returned.

The McDonaghs arrived in a truck driven by a friend. When they saw the angry gathering they drove off to an undisclosed spot in the country.

The Vinanskys became friendly with the McDonaghs last year when the sergeant was stationed at the U.S. Air Force base at Burtonwood. When Mrs. McDonagh fell ill the Vinanskys took care of baby Joyce, then six weeks old.

The little girl stayed with the Vinanskys until they went home last May. They wanted to adopt her and take her with them.

The McDonaghs, who have five other children, were willing but the British authorities refused permission.

Three weeks ago Mrs. McDonagh flew to the United States with the baby and it was announced the Vinanskys would

## B.C.'s Youngest MLA Plans to Study Law

VANCOUVER (CP)—Tony Gargrave, 29, youngest member of the B.C. legislature, plans to become a lawyer.

The CCF member for MacKenzie said in an interview here Tuesday that legal training would be useful to him in legislative activities.

"It's better to do it this way—be elected and then study law, rather than to acquire the legal mind and then enter politics in my opinion," Mr. Gargrave said. "After all," he added, "the defiant willpower."

OVERCAME HANDICAP—Lord Nelson, the great British admiral, never enjoyed good health but overcame the handicap with two attempts to swim the Strait of Juan de Fuca.



T. Gargrave

## Repeal of Royal Marriage Act Urged by Manchester Guardian

LONDON (Reuters)—The Manchester Guardian calls for repeal of the 200-year-old law designed to prevent British royalty from marrying commoners—the law concerned in Princess Margaret's reported romance with commoner Peter Townsend.

King George III, furious because two of his brothers had married non-aristocratic girls, had the law passed in 1772 to enable him to prevent anything of the kind happening again.

The law prevents royalty from marrying without the sovereign's consent until the age of 25, after which only the approval of Parliament is necessary. Several British newspapers have backed Princess Margaret—just turned 25—with statements that they are all for her, no matter whom she marries.

"The course is simple," The Guardian says. "It is to get rid of the Royal Marriage Act. The theory behind it was that the eligible German princelings should mate only with one wants them anyhow."

And royalty then meant the Protestant succession of the innumerable broods of poly zones: tropical, moderate, cool and German princelings. It is time cold.

Venezuela has four climates of the innumerable broods of poly zones: tropical, moderate, cool and German princelings. It is time cold.

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# TCP re-powers your engine in the first 400 miles of your Labour Day trip

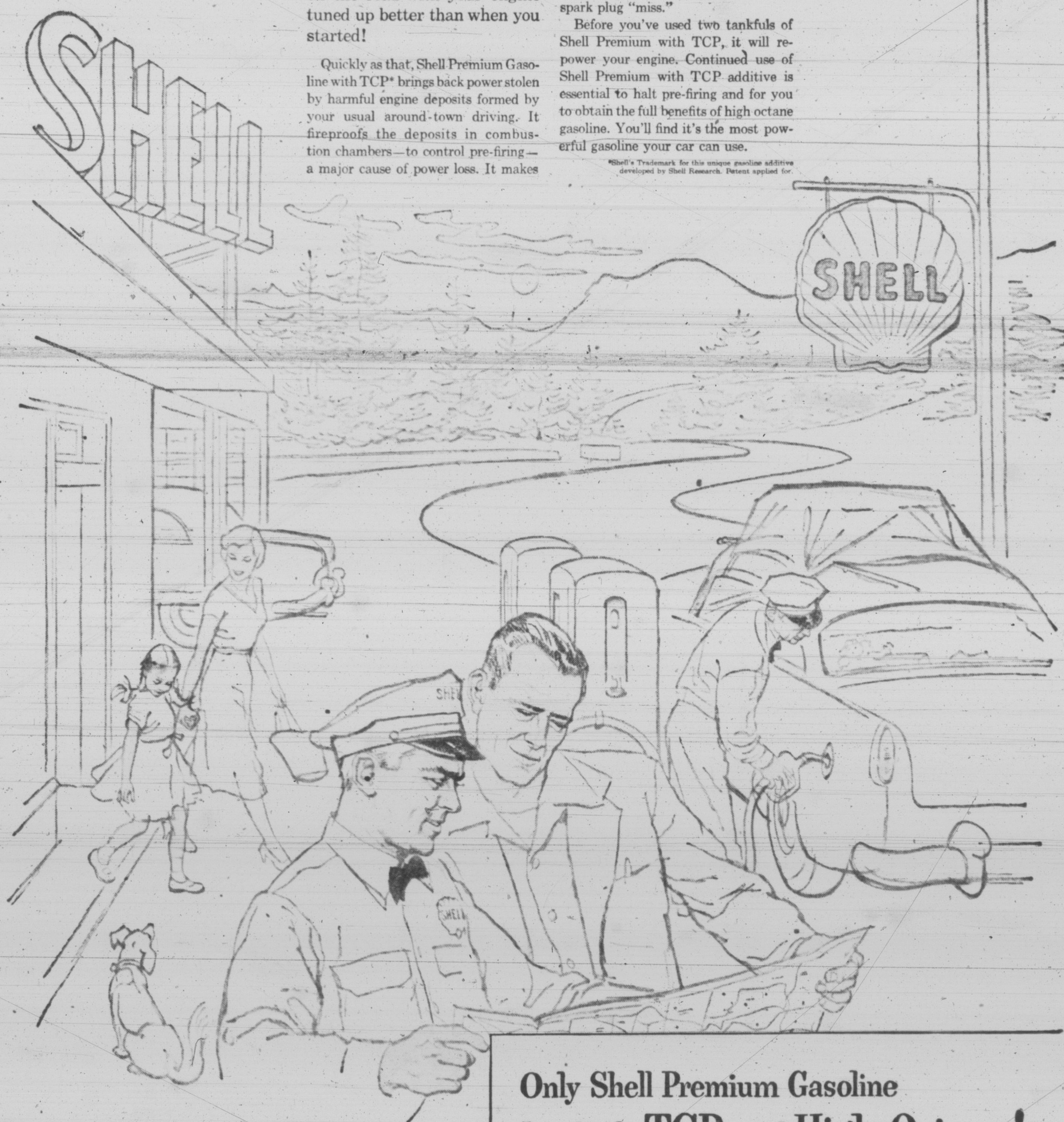
Now you can end your first day on the road with your engine tuned up better than when you started!

Quickly as that, Shell Premium Gasoline with TCP\* brings back power stolen by harmful engine deposits formed by your usual around-town driving. It fireproofs the deposits in combustion chambers—to control pre-firing—a major cause of power loss. It makes

the deposits on spark plugs non-conductive—to halt short circuits that cause spark plug "miss."

Before you've used two tankfuls of Shell Premium with TCP, it will re-power your engine. Continued use of Shell Premium with TCP additive is essential to halt pre-firing and for you to obtain the full benefits of high octane gasoline. You'll find it's the most powerful gasoline your car can use.

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Only Shell Premium Gasoline has both TCP and High Octane!

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but Not Abused

A dependable truck means bigger profits for YOU and your business! See our specials... SMART, DEPENDABLE USED TRUCKS at unbeatable LOW PRICES! And we're HITRADING too, which means MORE allowance for your trade!

1953 DODGE ONE-TON PICK-UP, this one has a BRAND NEW MOTOR, heater. Imagine paying only \$1295

1955 CHEVROLET HALF-TON PANEL with heater! Low mileage, drives like a car. YOU PAY \$1699 PAY ONLY

1953 CHEVROLET ONE-TON PANEL with a heater. Good looking, and a hard worker. \$1089

1952 G.M.C. 1/2-TON PICK-UP with a heater. Here's a top-value for \$999 only

NO MONTHLY PAYMENTS UNTIL OCT. 15th!

1951 CHEVROLET HALF-TON PANEL, heater, equipped, special \$837

1953 AUSTIN HALF-TON PICK-UP with heater. Economical, easy to handle \$777

1948 CHEVROLET SEDAN DELIVERY with heater. \$498

Now only 1947 FARGO HALF-TON PICK-UP, heater-equipped. Plenty of work in it, and only \$297

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# First to **SUPER-VALU** STORES Then off for the holiday

Whether you plan to eat at home or away  
... you'll find a wide variety of foods at  
SUPER-VALU to give that extra touch  
to your holiday meals ...

- ★ **PEACHES** Nabob, Choice Halves, 15 oz. tins **2 for 41¢**
- ★ **CORN** Dewkist, Cream Style, 15 oz. tins **2 for 27¢**
- ★ **CORNERD BEEF** Hereford, 12 oz. tins **42¢**

## MARTHA LAINE BREAD

White or Brown  
16 oz. **2 for 23¢** 24 oz. **2 for 33¢**

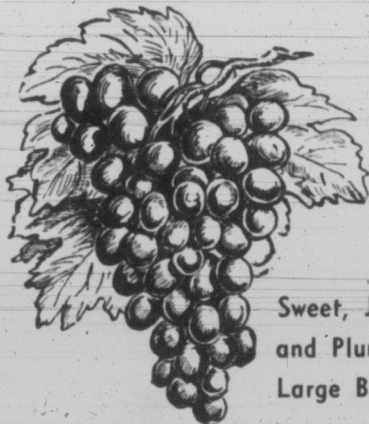


## SWIFT'S PREMIUM COTTAGE ROLLS

Lean and Tenderized

MILD CURE ... DELICIOUS FOR COLD MEALS, PER LB. **59¢**

- PREMIUM SHANKLESS  
**PICNICS** FULLY COOKED lb. **47¢**
- CAMPFIRE RINDLESS  
**SIDE BACON** SLICED lb. **57¢**
- JUNIOR BOLOGNA** APPROX. 1½ LBS. each **39¢**
- WIENERS** CHEAPER BY THE DOZEN per dozen **35¢**
- GRADE A  
**PRIME RIBS BEEF** CUT SHORT lb. **72¢**



CALIFORNIA  
GREEN SEEDLESS

**GRAPES**  
Sweet, Juicy and Plump, Large Bunches **2 lbs. 23¢**

LOCAL, CRISP  
**CELERY** Tender, large stalks **2 for 29¢**

OKANAGAN FREESTONE  
**PEACHES** Vee-type, can now, crate **2.39**

CALIFORNIA  
**GRAPEFRUIT** Sweet, juicy, large 100's **6 for 35¢**

GOLDEN BANTAM  
**CORN-ON-THE-COB** Tender and sweet **6 for 39¢**

## Breakfast Foods

- Cream of Wheat** Large pkt **30¢**
- Sugar Jets Cereal** Pkt **29¢**
- Quaker Puffed Wheat** 6-oz. pkt **22¢**
- Quaker Davy Crockett Oats** 3-lb. pkg **52¢**
- Coffee** Gold Cup, lb. **95¢** Silver Cup, lb. **93¢**

## Picnic Aids

- Potato Chips** Nalley's, 8-oz. pkt **37¢**
- Swift's Prem** 12-oz. round tin **43¢**
- Bonus Whole Chicken** 3-lb. 4-oz. tin **1.59**
- Peanut Butter** Squirrel, 24-oz. jar **49¢**
- Pork & Beans** Nabob, 15-oz. tins **2 for 27¢**
- Salad Oil** Mazola, 15-oz. tins **44¢**
- Hamburger Relish** Nalley's, 12-oz. jar **31¢**
- Meat Spreads** Puritan Assorted **2 for 29¢**
- Sweet Mixed Pickles** Lynn Valley, 24-oz. jar **39¢**
- Salad Dressing** Delbrook, 32-oz. jar **69¢**
- French Dressing** Kraft, 8-oz. jar **29¢**
- Prepared Mustard** French's, 9-oz. jar **17¢**

## Items You'll Need

- Tomato Catsup** Hunt's, 13-oz. bottle **25¢**
- Tomato Sauce** Hunt's, 8-oz. tin **11¢**
- Solo Margarine** **2 lbs. 61¢**
- Good Luck Margarine** **2 lbs. 73¢**
- Quartet Margarine** **2 lbs. 61¢**
- Cheese Slices** Kraft Swiss, 8-oz. pkt **35¢**
- Scotkins Napkins** Luncheon Size **2 pkts. 39¢**
- Wax Paper Refill** Kay Dee, 100-ft. Roll **25¢**

ALL PRICES EFFECTIVE  
THURS., FRI., SAT., SEPT. 1, 2, 3

**STORE HOURS:**  
Estevan Avenue - Blanshard Street  
Pandora Avenue - Esquimalt Road  
9.00 to 5.30 - Wednesdays, 9.00 to 12.30  
Gorge at Tillicum - Open Every Day  
9.30 a.m. to 6.00 p.m.  
All above stores open till 9.00 p.m. Fridays  
Estevan and Gorge for sale of Fresh Meats  
and Groceries  
Blanshard and Pandora for sale of only  
Cooked Meats and Groceries  
STORES CLOSED LABOR DAY, SEPT. 5

## NEW! Martha Laine "Rocky Road" ICE CREAM

Delicious Creamy Chocolate Ice Cream with  
Marshmallow and Toasted Almonds

PINT CARTON

**39¢**

GERBER'S  
INFANT FOODS  
JUNIOR FOODS

**3 tins 29¢**

HEINZ VINEGAR  
WHITE PICKLING

66 oz. Jug **53¢** Gallon Jug **98¢**

BETTY CROCKER  
BISQUICK MIX

The 12-in-1 Mix for Shortcake, etc., pkt **51¢**

REDDI-WHIP, TIN 59¢  
SERVE A DELICIOUS FRUIT SHORTCAKE

DAD'S COOKIES

- COCONUT Pkt **35¢**
- OATMEAL Pkt **30¢**
- GINGER CRISP Pkt **30¢**

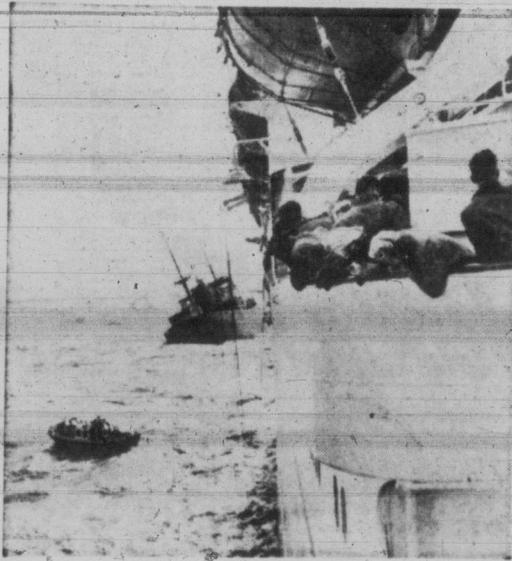
SEE YOUR SUPER-VALU STORE  
FOR SCHOOL SUPPLY NEEDS



Good  
Outdoor Eating  
begins at

**SUPER-VALU**





**DARING RESCUE AT SEA**—When the Atlantic liner Kungsholm reached New York, passengers aboard brought back these photos of the helpless British freighter Argobeam as she wallowed in heavy seas 300 miles west of the Hebrides. Above passengers are interested spectators as a rescue boat approaches the Argobeam. The captain and mate stayed aboard until a tug appeared to tow her to port. (SNS photo.)

## Tokyo Rebuffs Soviet Demand To Bar West From Japan Sea

LONDON (AP)—Japan Tuesday rebuffed a renewed Russian demand for a peace treaty that would close the Sea of Japan to Western warships, Japanese sources said Tuesday night.

The informants said Russia's Jacob Malik put forward the demand shortly after the 13th primary session of the Russian Japanese negotiations for a Second World War settlement got under way at the Soviet embassy.

Malik was said to have asked that the right of free naval passage through the Tsugaru, Tsushima and Soya straits be restricted to the countries bordering on the Sea of Japan. This presumably would bar from the sea warships of all countries except Japan, the Soviet Union, Communist China and possibly Korea.

U.S. warships based in Japan now have free run of the straits.

Japan's special envoy, Sunichi Matsumoto, rejected Malik's demand that the naval restrictions

## Argos Keep 11 Imports

TORONTO (CP)—Nine players, including three Americans, were cut Monday night by Toronto Argonauts as the Big Four Football League club went into secret practices for its opening game here Saturday.

Argos reduced their number of imports to 11, one over the league limit, with the release of halfbacks Jim Philbee of Bradley University and Fred Bilyeu of the University of Georgia, and centre John Miller from Idaho State.

Argos, who open the season against Hamilton Tiger-Cats, retained the following Americans: Quarterback Tom Dublinski, Detroit Lions; halfbacks J. C. Caroline, University of Illinois; Dick Shatto, University of Kentucky; Whizzer White, Chicago Bears; Chuck Holmes, Los Angeles City College, and Howard Graves, Michigan State; offensive ends Al Pfeiffer, Fordham University, and Bucky Curtis, Vanderbilt College; tackle Billy Shipp, New York Giants; guard Bill Albright, New York Giants; and tackle and defensive end Gil Mains, Detroit Lions.

## WALLS SIXTH

NEW YORK (BUP)—Edmonton's Earl Walls was ranked sixth among the world's leading heavyweight boxers by Ring magazine today. Ahead of him were champion Rocky Marciano, Archie Moore, Bob Baker, Tommy (Hurricane) Jackson, Don Cockell, and Ezard Charles.

## THE PARTY LINERS



THOUGHTFUL THEODORE releases the line graciously when his party line neighbor cuts in to place an emergency call. Thanks to all the Theodores, party line service is smoother.

BRITISH COLUMBIA TELEPHONE COMPANY

## Sudanese Decision Stirs Egypt Switch

Nasser Reshuffles Cabinet Following Announcement of Vote on Sudan Future

CAIRO (Reuters)—The Egyptian government underwent a surprise reshuffle here as the sprawling Sudan territory south of Egypt decided to settle its future status by a plebiscite.

It was officially announced that Maj. Salah Salem, leading member of Egypt's government and ruling army clique, has been granted a leave of absence from his post of minister of national guidance and Sudan affairs. His place was taken by Premier Gamal Abdel Nasser himself.

The announcement coincided with the news that the Sudanese parliament voted for a plebiscite to decide the future of the vast territory, ruled jointly for more than 50 years by Britain and Egypt and now headed either for independence or union with Egypt.

Cairo radio reported the Sudan parliament's decision.

Developments in the Sudan were believed to be behind the replacement of Salem, whose Sudan policy is believed to have been judged a failure of Egypt's rulers. Egypt has striven to promote Sudanese union with Egypt and Salem has been chief Egyptian spokesman in the campaign.

The withdrawal of Salem, probably Egypt's most prominent leader behind Nasser, co-

incided with a sharp change in the unfavorable tone the government-controlled Egyptian radio and press has shown lately toward the Sudan regime. An intensive campaign against Sudanese Premier Ismail el Azhary died down almost overnight.

The Sudan parliament's decision means that the territory, encompassing 967,000 square miles and about 9,000,000 persons, is entering the decisive stage in its progress toward self-determination.

There has been a growing demand in the Sudan for a plebiscite, on the ground that it is likely to be freer from outside pressure than the alternative proposal—a constituent assembly to carry through the self-determination program.

## IT MAY BE YOUR LIVER

If life's not worth living it may be your liver! It's a fact! It takes up to two pints of liver bile a day to keep your digestive tract in top shape! If your liver bile is not flowing freely your food may not digest... you feel constipated and all the fun and sparkle go out of life. That's when you need mild gentle Carter's Little Liver Pills. These famous vegetable pills help stimulate the flow of liver bile. Soon your digestion starts functioning properly and you feel that happy days are here again! Don't wear away time. Always keep Carter's Little Liver Pills on hand. 27¢ at your druggist.



**PLOTTING THE MISSION** for "The Dam Busters." Michael Redgrave and a group of RAF pilots plan the bombing mission which means the destruction of the Ruhr Dams. "The Dam Busters" is now showing at the Capitol.



Here's the Secret: Add one teaspoon Dry Mustard to each cup of your favourite salad dressing during preparation. It brings out all the flavour... gives extra zest to your favourite salad!

## SHOP INSTRUCTORS

## Tradesmen Enlisted In Teacher Shortage

A number of journeymen in skilled trades will be selected for a special training course aimed at relieving the shortage of B.C. shop teachers.

John S. White, director of technical and vocational education, said Tuesday between 30 and 40 of the 85 applicants will be accepted.

They will take a night training course starting about Sep-

tember 12 at the Vancouver Vocational Institute. Those finishing the course successfully will teach in B.C. schools as partially trained industrial art teachers. An additional eight years of summer school will be required before they are fully trained.

Ancient wolf-like wild dogs were close to the same size as present-day dogs.

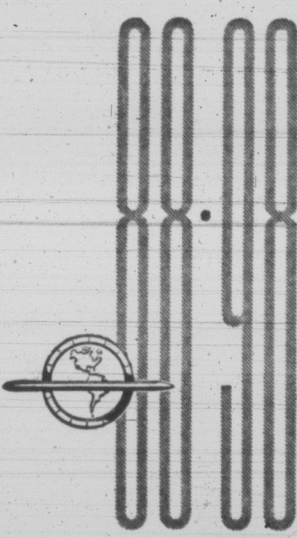


# You'll be Smiles ahead

Pleasure rides with you when you ride in a "Rocket" Oldsmobile. For here is the one car that is more of a joy to own—more exciting to drive—than any you've ever imagined.

It's zestful! It's thrilling! It's dramatically different in every wonderful way. Make a sudden demand for speed in an emergency, and you're "whooshed" ahead in a safe, swift flow of flashing power. And to harmonize with all this smooth and vibrant performance, there's the lithe, light-hearted appearance of Oldsmobile's "flying color" flair... true beauty to match real power.

Why don't you step out of the ordinary into an Olds today? Give your local dealer a call, or better still, pay a visit to his showroom.



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Bonnie Wee Prince

Prince Charles takes naturally to the kilt as he strolls around the grounds of Balmoral Castle in Scotland.

## Auto Fire? throw on SODA

Quickly smothers flames. Stops fire spreading. Better than sand or water. Can't harm motor. Always keep a package of baking soda in glove compartment for emergency use.



**COW BRAND BAKING SODA**  
PURE BICARBONATE OF SODA

## Ask Ottawa For Parley Mayors Urge

Phillips Says Municipalities Need Fiscal Magna Carta

EDMONTON, Alta. (BUP)—Mayor Nathan Phillips of Toronto Wednesday called upon chief magistrates of the country to back NMA demand for a federal-provincial-municipal conference, to establish a "Magna Carta" of fiscal affairs.

Phillips, the principal speaker at the annual conference of the Canadian Federation of Mayors and Municipalities, declared that such a conference was "woefully overdue."

He said that in 1930, 40.5 per cent of tax revenue went to the federal government; 20.2 per cent to the provincial government, and the remaining 39.3 per cent to the municipal governments.

In 1950, he continued, 70.9 per cent of tax revenue went to the federal government, 17.2 per cent to the provincial body, and a mere 11.9 per cent to the municipal governments.

### FANTASTIC JUGGLE

"Even allowing for new grants or subsidies," Phillips said, "There can be no justification for the sudden fantastic juggling of Canadian tax policy."

"And there certainly can be no justification for the new burden which we, as municipalities, are shouldered with during the 21 years represented."

He added that municipalities had been forced into a field which was never intended to be theirs, "because municipal government is closest to the people."

"We have often," Phillips said, "been forced into action rather than wait for the senior levels to get around to the job."

Phillips contended the bulk of municipal money came from a minority of citizens who are property owners.

### RIGHT DENIED

He pointed out that the tax burden had reached a point where, for many people, it had become too much. If it was to be pushed further, he stated, it would discourage young people from owning their own homes and deny them a right which is basic in the Canadian way of life.



**UNDER THE OCEAN**—Governor-General Massey, wearing a miner's helmet and his face smudged, is shown some 1,600 feet below the surface of the Atlantic Ocean in an underground drift at the bottom of the Bell Island iron ore mine in Newfoundland.

### SACRIFICED HUMANS

The religion of the Aztecs, one of the numerous races to occupy Mexico, included human sacrifice.

## MOTHERHOOD SPEEDED FOR ZOO'S MATILDA

VANCOUVER (CP)—Zoo curator Alan Best said Tuesday he had erred in estimating the hatching time of a king penguin egg at Vancouver's Stanley Park.

"I estimated the date of hatching would be Oct. 5 but now I learn with authority that we can expect the happy event on Sept. 27," Mr. Best said.

Meanwhile, Matilda—who is doing the hatching—is still balancing the big egg on her toes near her breast, waiting for the country's first king penguin "birth."

Beneath Matilda, who Mr. Best admits may be a male or female, is a thick rubber pad placed there by zoo officials as a precautionary measure in case the penguin drops the egg.

### O.C. RUGBY

LONDON (Reuters)—Results of rugby matches played in the United Kingdom Tuesday:  
Derbyshire 12, Warrington 8.  
Doncaster 13, Batley 4.  
Rochdale 12, Oldham 4.



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## Back-to-School SALE

The BAY Rings the Bell for Back-to-School

with

- Top-of-the-class fashions, so practical for school, or casual wear, in uncomplicated beautiful fabrics that require little or no care.
- Bell-ringing values in timely items for the whole family's get-together enjoyment, now that the hectic holiday season is over.
- Departments bulging, with values on every floor, for every school age youngster, and for his family and home, too!
- Fresh NEW merchandise, every item a genuine bargain guaranteed to help your Back-to-school budget go further and do MORE for the whole family.

Plus All This for the Kiddies . . .

• Free Rides in the Children's Wear Dept. on

- The • MOON RIDE
- BUCKING HORSE
- MERRY-GO-ROUND

Free Balloons in all children's departments

Special Chicken Pie Family Luncheon in the Olympic Room

Real Pony Rides in parking lot. Ticket given with every purchase

in stationery, boys' shoes and boys' wear depts., main floor; children's wear, children's shoes and sporting goods, third floor.

Tickets will also be available at 10c each.

• KIDS! Win a new bike with this easy contest!

Fill up your entry blank in stationery, boys' shoes, children's wear, children's shoes or sporting goods dept., and complete this sentence in 25 words or less:  
"I like shopping in the Bay Back-to-School Department because . . ."  
and drop your entry in the contest boxes. You may enter as often as you like any day this week.  
First Prize—Collapsible Bike.  
Second Prize—\$10 Scrip. Third Prize—\$5 Scrip.

In Victoria, it's the BAY, where a Sale really is a Sale!

Newspaper Advertising STIMULATES BUYING

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- High Location
- Views of Olympics and Sooke Hills
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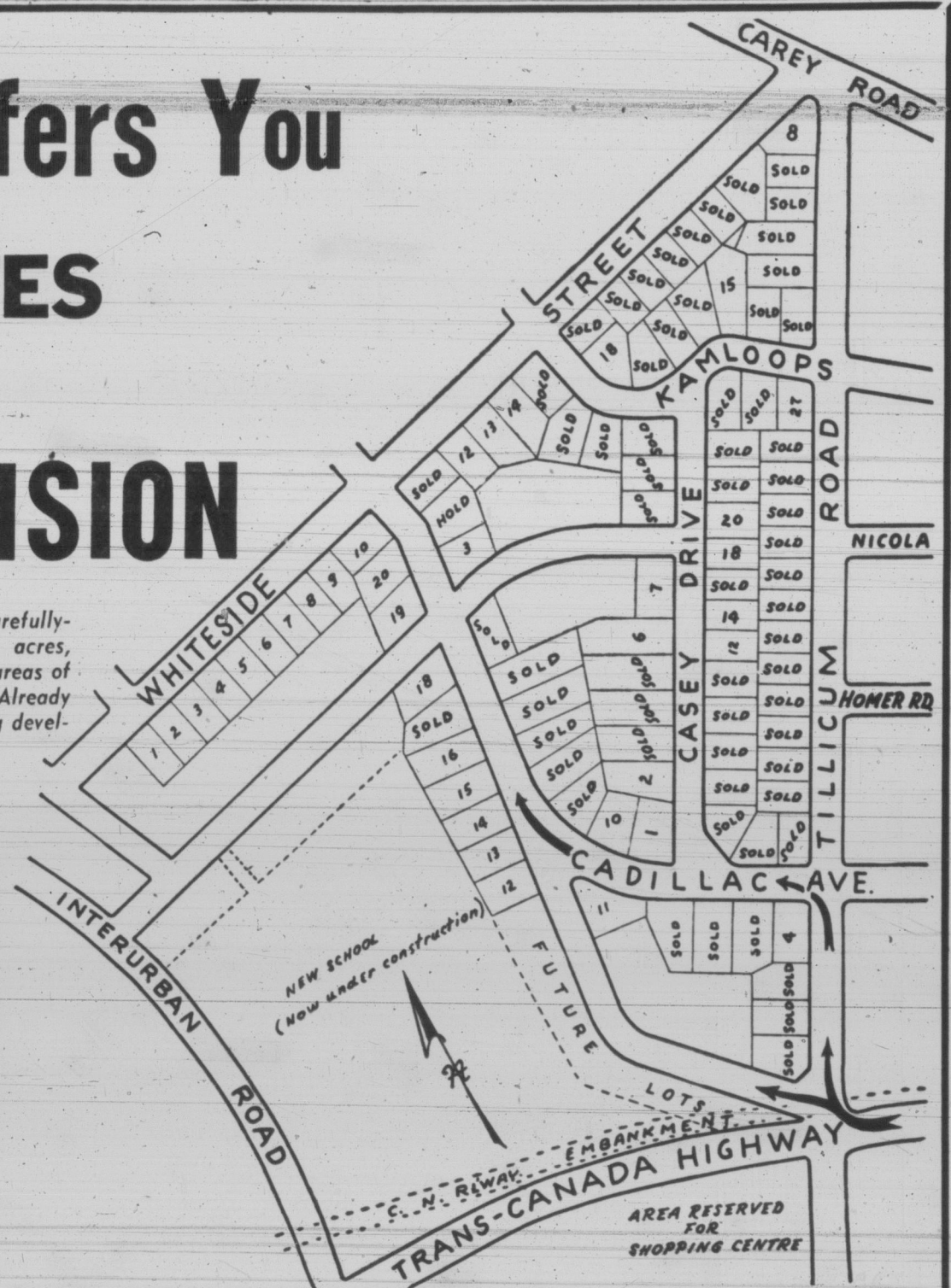
AS LITTLE AS \$400, and your Westview Subdivision Lot, will build your new N.H.A. Home. See Mr. Peaker or Mr. Wilkinson for plans and details. Evening phones: 7-2126 and 2-9761

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AGENT FOR WESTVIEW SUBDIVISION

576 YATES

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Salesmen on Property Every Evening This Week and Saturday Afternoon



## Rainless August Sets All-Time Sun Record

### Metchosin Fire Under Control

Homes, Livestock Threatened Before Soldiers, Volunteers Conquer Flames

By HUMPHRY DAVY

"The smoke and sparks were so thick we thought several homes would be destroyed by the raging inferno."

This is how Gavin Weir, Metchosin farmer, described a three-day-old forest fire which was brought under control today by over 100 volunteer fire fighters and soldiers.

The fire, which started on Mr. Weir's 200-acre tree-studded farm from an unknown cause, threatened Tuesday night to wipe out several homes on Quarantine Road about 16 miles from the city.

**ARSENAL MENACED**  
The flames, fanned by a 30 mile-an-hour wind, swept within a few hundred feet of Quarantine Road where several homes are located. At another spot it jumped the Rocky Point Road and threatened to spread in the direction of the navy arsenal.

The blaze burned out an area of about one mile by two miles before fire fighters brought the fire under control early this morning.

Some 70 volunteer firefighters and loggers are keeping the blaze in check.

In addition, 30 members of the Queen's Own Rifles of Canada at the Gordon Head Camp were rushed to the scene this morning to assist the firefighters.

**CNR HELPS**  
The Canadian National Railway, which operates a line through Metchosin also brought down water tanks from Cow-

### Victoria Area Chalks Up 357 Hours in 30 Days

The all-time sunshine record for August was broken Tuesday, and a new mark is being set every minute the sun is visible today.

The old August record of 350.3 hours, set in 1931, was equaled Tuesday noon. By sundown the total for the current month had reached 357.3 hours, and clear skies today will send the record to the neighborhood of 365 hours.

**LITTLE RAIN**  
Rainfall during the month has been negligible.

"We had a fall of .03 inch on the evening of Aug. 19, when I arrived from Vancouver," Mr. Henderson said. "I went to work Aug. 20, and have managed to keep the city dry until now."

Heaviest rainfall ever recorded in August in Victoria was 2.26 inches in 1912.

Mr. Henderson will be on the job here until Sept. 15, when regular weatherman William Mackie will return from a holiday.

### Milk Drivers' Union Has Optimistic View

Possibility exists that three Victoria milk distributors will ease up their opposition to contract demands by Milk Drivers' and Dairy Employees' Union following settlement of a 10-month dispute in Vancouver, a union spokesman said today.

About 1,100 mainland dairy workers will consider an offer by 10 Vancouver distributors made Monday, when the union holds a general membership meeting at 8 p.m., Thursday.

Three Victoria union delegates will attend the meeting and report back to local membership if the new distributors' offer is accepted, thus averting a strike of mainland dairy workers.

### TOURIST BAGS LORD MAYOR—WITH CAMERA

The Cadillac drew up at the curb and out stepped Hawaiian shirted and sandals tourist Harry Kay, from Santa Rosa, Cal.

"What's going on here?" he asked a policeman, noticing the crowd at the CPR wharf.

"The Lord Mayor of London, you say? I'll bet you a bag of donuts he knows my brother-in-law."

When Sir Seymour Howard came off the ramp, Mr. Kay stood directly in front and took a picture.

"How many did you get?" Mr. Kay's wife asked.

"Only one, I'm not a professional," said the Santa Rosa visitor, moving in still closer to the Lord Mayor.

It seemed from a distance the two had quite a little chat.

Afterwards Mr. Kay said, "I just said 'Hello'. He seemed very nice."

Sir Seymour, loyal to London as only a Londoner can be, has a word to say concerning the ever-current New York versus London population squabble as to which city is tops in population.

"You know, I went over the same subject with the mayor of New York," said Sir Seymour, "and I still think London is ahead."

He leaves Thursday for Banff and Lake Louise, then to Calgary ("where I think I will meet your prime minister, Mr. St. Laurent"), Edmonton, then back to Vancouver and home by way of Amsterdam via CPA's trans-polar route.

On arrival here the Lord Mayor was met by Mayor Claude Harrison, Times publisher Stuart Keate, Hector Crombie of the Chamber of Commerce, Douglas Patterson, president of the Canadian Club, and Maj. R. W. Phipps, aide to Lieutenant-Governor Clarence Wallace, his host in Victoria.

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A DESOLATE SCENE of smouldering logs and slash was left in the wake of a Metchosin forest fire which was brought under control today by over 100 volunteer fire fighters and soldiers. The blaze started Sunday and threatened several homes on Quarantine Road last night. Members of Queen's Own Rifles of Canada at Gordon Head are shown helping to keep fire in check. (Photo by Irving Strickland.)



### BETWEEN TIMES

By MONTE ROBERTS

Well, here it is almost September, everywhere but in Switzerland, where it is almost Herbstmonat, and among certain die-hard Anglo-Saxons who still call it Gerstmonath. But whether it is September or Herbstmonat or Gerstmonath, it is a very important month, and we should pay it due respect.

September is the month when the daily laughing kiddies trip happily back to school. It is also the month when teachers get away from the dull routine of fishing, swimming, and reading comic books, and get back to the soul-satisfying exchange of ideas with bright young minds.

It is a month with a touch of sadness for mothers. Mothers with school-age children will miss the company of the little dears for a good part of the day, and will hardly know what to do without them underfoot in the kitchen.

Mothers who have been lucky enough to live in a summer cottage for two months will return sadly to the city, bidding a tearful farewell to the wood-burning stove and the bucket by the well.

But September is a grand month for the working man, who proves what a great laborer he is by starting out the month with a holiday.

This holiday is called Labor Day, because it is a day for not laboring.

It is a great month for home gardeners, too. The home gardener can now stop trying to keep up with nature, and ahead of the weeds. He can sit back, view the backyard jungle, and say, complacently: "I'm just waiting for it to turn to compost."

September is a wonderful month for all those who had sense enough not to take their holidays in June, July or August.

September is a busy month for merchants. It is the month when they try to sell furs they didn't sell at the August fur sales; the summer dresses they didn't sell in the summer; bathing suits on the lay-away plan for NEXT year; and, of course, the first piping notes of "do your Christmas shopping early" will be heard.

In an athletic sense, September is even busier. While football and baseball are crowding each other off the sports pages, the pre-season hockey publicity sneaks in and sports editors go quietly crazy.

Ah, yes, September is a very important month, indeed. Come on in, September. We're waiting for you.

### TOPICS OF THE TIMES

Guest speaker at a general meeting of the B.C. Retired Civil Servants' Association Sept. 8, at 2:30 p.m., at 632 View, will be Public Works Minister W. N. Chant, who will talk on the theory of Social Credit.

Meetings of CCL unions at 715 Johnson during September are: Thursday, Division 234, CB of RE and OTW; machinists, Sept. 6; brewery workers, Sept. 10; IWA shop stewards, Sept. 10; IWA general meeting, Sept. 11; shipwrights, Sept. 13.

The League of Roses (Lanes and Yorks) will meet at 904 Government Street on Thursday at 7:45 p.m.

A meeting of superannuated federal civil servants will be held at 4 p.m. at the YWCA next Wednesday.

Dianne Ball, 5, 76 Menzies, escaped with bruises to her forehead and right leg after running into a car driven by George Rafter, 991 Violet, Tuesday at about 5:45.

Mr. Rafter told police he was driving south on Menzies at Niagara when the accident occurred.

Fine of \$35 or five days in jail was imposed on Adrian C. Boogaars, 610 Avalon, when he pleaded guilty in city police court today to a careless driving charge.

Police said the accused was driving south on Stanley on August 23 and failed to stop for a stop sign at Begbie. He was involved in a two-car accident which resulted in total damage of \$1,000.

Magistrate Henry C. Hall suspended his licence.

### Mayor States Zoning Talks Special Rules

Mayor Claude Harrison has announced special rules of order to govern conduct of a public hearing of the controversial Victoria Zoning By-Law at City Hall September 7.

In a bulletin issued through city clerk M. F. Hunter he stipulated today that first opportunity to speak on the by-law will be given to those persons who have prepared briefs.

All speakers will speak in the order in which they present their names in advance of the meeting to the city clerk's office.

Persons who do not register their intention to be heard will be heard at the end of the hearing which may well last for hours.

**YEARS IN MAKING**  
The zoning by-law, which replaces and modernizes the 1929 zoning by-law, if adopted, has been years in preparation by the Town Planning Commission.

Its efforts to regulate more generously the amount of open land for parking which must be left available when new buildings arise, is expected to be bitterly fought by local building organizations.

The hearing will precede the first regular council meeting following the summer recess. Some City Hall sources believe the mayor and aldermen will be still in session long after dark.

The hearing will open in the council chamber at 2 p.m.

**Thursday Meetings**  
Oak Bay Kiwanis Club: Oak Bay Beach Hotel, 6:15 p.m.

Victoria Rotary Club: Empress Hotel ballroom, 12:10 p.m.; joint meeting with Victoria Investment Dealers to hear Keith Funston, president of New York Stock Exchange.

### Amalgamation Out, Says Mayor

Victoria's mayor has returned from a convention of Canadian mayors at Edmonton more convinced than ever that Greater Victoria should not amalgamate.

Mayor Harrison said today that the matter was discussed at the Edmonton meetings and the consensus was that in practice, amalgamation is more costly than maintaining separate municipalities.

In a press conference this morning the mayor also stated that efforts to bring a referendum to the Victoria-area would remain static at least until the B.C. Legislature assembles next January.

**Year in Prison**  
One year in jail was imposed on door-to-door magazine subscription salesman Harold Kazulak in city court today.

Kazulak, of Vancouver, previously pleaded guilty to defrauding Victoria citizens of \$159.66.

**LIFE JACKETS, TUBES FOR LAKE SWIM BOATS**

All rowers of boats accompanying contestants in the Labor Day Beaver-Lake swim will be required to wear life jackets and an inflated inner tube will be carried in each boat.

These safety precautions were announced by the swim committee today.

The committee announced that Saanich police have taken over direction of safety in the distance race which will see 50 youngsters of 16 and under try the two-mile course.

Each of the contestants was examined by public health officials today.

The official starter will be strait swimmer Bill Muir and 16 Boy Scouts have been enlisted to assist police, the committee also announced.

A special meeting of all swimmers and rowers will be held at Lakeside Tearooms Beaver Lake Thursday night at 8:30 p.m. and officials are anxious that all attend.

Arrangements have been made to have the swim recorded and broadcast by a local station following the event.

### BENEATH POMP AND CIRCUMSTANCE

## London's Lord Mayor Proves Man of Charm

By TONY DICKSON

London's 837th mayor is visiting here today—a present-day knight errant of not inconsiderable charm.

He's tall, grey-haired, a financial man, and possessed of that quiet unhurried manner typical of many in high places.

Sir Seymour Howard, as London's Lord Mayor, endorses authenticity of the faded Dick Whittington, who came to London in the 1300s with mere pence in his pocket, and rose to become—thrice mayor.

Tradition has it "Poor Dick" sold his cat to a rat-ridden nation and his fortune was made.

"It's perfectly true about Whittington," says ruddy-faced Sir Seymour, a smile playing around his mouth, "but I can't vouch for authenticity of the cat."

The Lord Mayor, now 67, heads the square mile which is London proper; "the city," as it is known. Here trade and commerce are keystones of activity, even as they were in 64 AD when Tacitus wrote that London was "a busy emporium for trade and traders."

Under London's mayor come 24 aldermen and nearly 200 councillors. The mayoralty was established in 1191 when one Henry Fitzallwyn took office. They have been chosen annually since 1215, though some mayors, like Dick, served several terms.

The term "Lord Mayor" was first used in 1414.

Sir Seymour, while a person of outstanding impressive-

ness clothed in robes of office, in somber morning suit is an extremely approachable personage.

Despite the hurly-burly of the greetings here on arrival he took time off to chat briefly of unofficial things.

... love of skiing, yachting and shooting.

"I'm very fond of skiing," says the 67-year-old stockbroker. "I've skied every year for a long time, in Switzerland. Right up to last year. But I hurt my knee (and he

favoured it with a thin hand) 15 years ago and it's beginning to catch up with me."

He admits gravely to the title of sportsman. "I raise horses too, you know."

Sir Seymour is accompanied by his first equerry, William T. Boston, the official sword-bearer.

Why? "Well, the Lord Mayor always has an equerry with him. No, he's not a secretary. The secretary is at home in London and doesn't travel."

The cabinet today set that date for the hearing of an appeal by George Kocurek, Gibbons-road-Duncan, against an order of the B.C. Milk Board.

It's the knight-squire deal brought up to date.

If the Lord Mayor is on high state business, he sometimes has as many as three equerries with him; if on a sightseeing visit without official functions, a lesser number are on hand.

Sir Seymour, loyal to London as only a Londoner can be, has a word to say concerning the ever-current New York versus London population squabble as to which city is tops in population.

"You know, I went over the same subject with the mayor of New York," said Sir Seymour, "and I still think London is ahead."

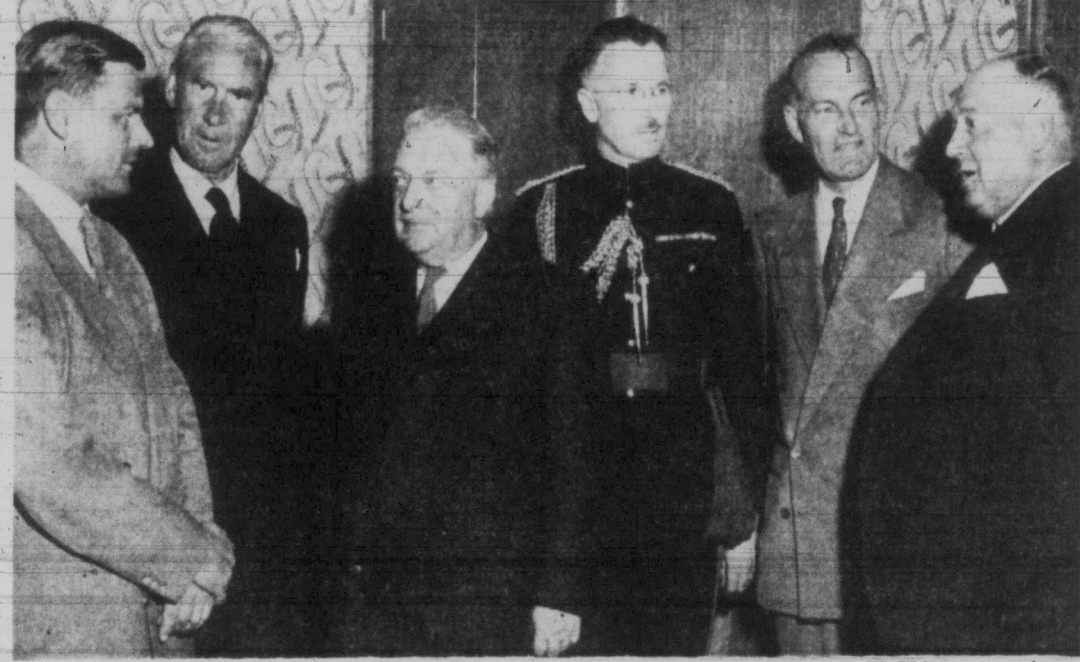
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WARM WELCOME was given Tuesday to Lord Mayor of London, Sir Seymour Howard, by prominent Victorians. Pictured, left to right, Canadian Club president, Douglas Patterson; (Sir Seymour); Mayor Claude Harrison; aide-de-camp to Lieutenant-Governor Clarence Wallace, Major R. W. Phipps; managing-secretary, Chamber of Commerce, Hector Crombie, and Lord Mayor's equerry, William T. Boston. Group met Lord Mayor on arrival from Vancouver on CPR boat. He has two-day stop here.

### ASK The TIMES

Q.—What is the present population of Vancouver, and of Winnipeg? A.B.

A.—The last federal census of Vancouver was taken in June, 1951. However, the B.C. government, through its Bureau of Economics, makes a population estimate each year. The computation of 1954 shows the city of Vancouver—that is, the area within the city boundaries—with a probable population of 393,500, and the metropolitan area, commonly called Greater Vancouver, at a total of 572,100. The 1951 federal census gave the city of Winnipeg 235,710, and Greater Winnipeg 354,069. A census next year will replace estimates for Winnipeg, for Manitoba then will share in the Western Canada census midway between the Canada-wide decennial census.

Q.—How old is Lethbridge, Alta? T.D.E.

A.—It was incorporated as a city in 1906. Prior to 1885 the place was known as Coalbanks.

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## SHOPPING GUIDE

## See the Vivid New Fad Hats In All High School Colors

By PENNY SAVER

High school and junior high school students are the pampered darlings of one of Victoria's stores this week. The clothes, supplies and novelties are all keyed to "back-to-school" themes. I had a sneak peek at a shipment of caps yesterday, and I think they'll be all the rage with the teenagers this fall. For every high school and junior high, there are colorful peaked caps that sport the school colors. There a button-down front that attaches to the smart peak, and both girls and boys will be flocking to choose their own colors.

Being all-corduroy, they'll stand up to lots of abuse and wear by the young set. Here are the colors: Royal blue and gold for Lansdowne; black and gold, Victoria High; powder blue and white, Belmont High; light green and gold, Mount View High; red and white, Esquimalt High; dark green and white, Oak Bay High; red, green and white, Central Junior High; black and white, Royal Oak; purple and gold, Mount Douglas High; royal blue and gold, Mount Newton; red and gold, S.J. Willis, and red and grey, Oak Bay Junior.

These perky hats have a pom-pom on top and are really eye-catching. They have a space on the front that's big enough for your school crest or emblem. The price? They're \$1.69. Just watch for them.

Here's a wonderful gadget I received today. It's a can opener and can sealer all in one. Every one knows the nuisance of trying to find something that will fit over the top of an opened tin

of evaporated milk. Invariably the make-shift top doesn't fit, or we end up leaving the open tin without an effective lid. Quite often, the milk will be no good by the time the tin is finally opened with a new tin.

This opener I started to tell you about solves this problem. It's made by a company well known for its evaporated milk, and naturally, they've come up with the perfect way to keep milk fresh and sweet. Over the top of a tin fits a cap that has indented points that pierce the top of the can.

When you need some milk, just remove the lid, and after using it, replace the lid. The points fit right back into the holes which it made in the first place, and there you have a perfectly fitting cap. Another wonderful thing about this is that it's free. Yes, I said FREE!

Call me at 2-3131, and I'll tell you how to obtain this free wonder, and where to find any of the articles mentioned in the column.

## TODAY'S RECIPE

## OVEN-BARBECUED STEAKS

One and one-half pounds round steak, 2 teaspoons kitchen bouquet, 1 tablespoon oil, ¼ cup chopped onions, ½ cup catsup, ¼ cup wine vinegar, 1 teaspoon dark brown sugar, ½ cup water, 2 teaspoons prepared mustard, 2 teaspoons Worcestershire sauce, ¼ teaspoon salt, ¼ teaspoon pepper.

Cut steak into four portions and brush all over with the kitchen bouquet. Place oil in skillet over moderate heat and brown pieces of steak quickly on both sides. Remove steak to roasting pan. Add onions to skillet and cook until tender but not brown. Add remaining ingredients to onions, mix well and allow to simmer for about 5 minutes. Pour sauce over steak in roasting pan. Cover and bake in moderate oven (350 degrees F.) until steak is tender about 1½ hours. Yield: four generous servings.

## NIPPY TIDBITS

Wrap ½-inch strips of sliced dried beef around ½-inch cakes of pineapple, Canadian cheese, or avocado that has been soaked in lemon juice or French dressing. Fasten dried beef with pick. Delicious!

## In Honor of the Bride

Miss Lilyan Lidstone was a feted bride-elect recently when Miss Beverly Lidstone and Miss Beverly Vye entertained at the home of Mrs. D. Lidstone, 1197 Cloverly Terrace, with a miscellaneous shower. A pink and blue decorated box held the gifts, and the bride-elect sat in a Queen Anne chair gaily marked with pink and white streamers. She was presented with a corsage of pink carnations, while her mother, Mrs. F. Lidstone, received red carnations. An ecrú cloth covered the refreshment table, which was centred with a crystal dish on which stood a miniature bride surrounded by carnations and snapdragons. White candles in crystal holders flanked the setting. Streamers cascaded from above the table to large wedding bells at the sides. Guests were Mrs. H. A. Vye, Mrs. N. Lidstone, Mrs. W. King, Mrs. R. Lamb, Mrs. I. Lidstone, Mrs. F. Westgate, Mrs. D. Linton and Mrs. R. Milne.

Mrs. George Kaamiruk, the former Frances Purcell, was honored recently at a shower given by Mrs. Lorraine Hall and Mrs. Dorothy Doull at the home of the latter, Rockland Avenue. Upon arrival the bride was presented with a corsage of pink carnations and violets. The many gifts were concealed beneath a pink umbrella decorated with white bows. Rooms were decorated with roses, gladioli and asters. Games were enjoyed during the evening, winners being

Miss F. West, Miss D. Dalziel and Mrs. M. Pasmore. Refreshments were served by the hostesses. Other invited guests were Mrs. Della Franklin, Mrs. Nadene Hill, Mrs. Betty Simpson, Mrs. Helea Larkin, Mrs. Rene Wells, Mrs. Nan Mossop, Mrs. Olive Macintyre, Misses Helen Allbutt, Nan Martin, Phyllis Cressy, Ruth Leach, Dorothy Dickens, Joan Island and Muriel Knight.

## EXCURSIONS

## LABOR DAY WEEK-END

By FRIDAY-Bus MONDAY  
SEATTLE --- \$5.50  
By CPR Boat

By Boat and Bus  
PORTLAND \$11.45

By Boat and Bus  
SEASIDE --- \$15.95

By Boat and Bus  
Lv. Victoria 6 p.m. Friday, Sept. 2  
Lv. Seattle 8 a.m. Monday, Sept. 5  
Boat tickets are party rate and are good for 10 days.

Phone for Reservations Now  
Office 5-4711; House After 4 p.m. 5-1618  
GEORGE E. WILLIS

Western Canada Travel Service  
600 and 602 Courtney Street-5-4711  
Up from TCA at Government

## Imported Hats to complement your Fall Ensemble

Needlepoint casuals by Everitt to give you a Stunning hat! Cloches, scoops, brims, every one accenting the new narrow silhouette for fall. Exciting front-interest and delightful trims, to give the utmost in face flattering charm. Light and comfortable soft spun fibre that won't crush, wear it from season to season. Choose your favorite most glamorous style in your best color... beiges, browns, reds, blues and greens. One head size fits all! Complete your costume with matching handbag.

Hats, 5.95 and 6.95

Matching bags, 6.95.

Miss Helen Bonell

Everitt's expert stylist will be in the BAY's hat bar, main floor, Sept. 1st, 2nd and 3rd, to advise on the care of these Spun Needlepoint hats, and to assist you in selecting the most becoming style for you.

BAY hat bar, main

In Victoria, it's the Bay, first in fashions at SAVINGS!



Patricia Clara, daughter of Mr. and Mrs. Howard Gibson, 1137 Greenwood Ave., Victoria, was married to Kenneth Frank Dunderdale, son of Mr. and Mrs. Frank Dunderdale, 1614 Redfern St., Victoria, in St. John's Anglican Church with Rev. Canon T. W. Wilkinson officiating. (Photo by Gibson's Studio.)

## Active Couple

PETERBOROUGH, Ont. (CP)—

A golden wedding anniversary here demonstrated the energies of Mr. and Mrs. David Nixon, residents of nearby Norwood all their married life. Mrs. Nixon prepared the reception for more than 500 guests. Later, she played the violin while her husband step-danced.

## Healthier Children

LONDON (CP)—Friendliness in

modern-age youngsters is often mistaken for bad manners, says Headmaster T. P. Pinder of a Battersea district school. He says today's child of primary school age is healthier, more intelligent and better-cared-for than his predecessors.

For traveling, the bride donned a DuBarry pink wool suit with flared skirt and jacket with three-quarter sleeves. She chose navy accessories.

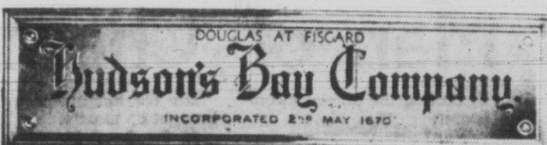
Following a honeymoon in the interior of B.C., Banff and the northern States, Mr. and Mrs. Lowe will live at Courtenay.

## POWER OFF

SHAWNIGAN, MILL BAY,  
COBBLE HILL, CHERRY POINT

In order to carry out improvements to the system, it will be necessary to interrupt electric service on  
THURSDAY, SEPTEMBER 1  
from approx. 6 a.m. to approx. 6:20 a.m. in the area supplied by the Hall and Hawkins substation, which includes Shawnigan, Mill Bay, Cobble Hill and Cherry Point.

B.C. ELECTRIC



Thursday Store Hours

9 a.m. to 5 p.m.

For Courteous Service

Dial 3-7111



## AS WE LIVE

## Marriage Doesn't End Influence of Families

By ELIZABETH B. HURLOCK, PhD

While it is perfectly true that a young woman marries a man, not his family, his family can have a powerful influence on his life.

(Q) "I have been going steady for nearly a year with a young man of 23. I am 21. We became engaged on Easter Day and planned to be married this fall. Last night, out of a clear sky, he told me he wanted to break our engagement. He told me that his mother did not think we could ever be happy together."

"I have never met his mother, though we live only a short distance away. I had a suspicion that she did not approve of our engagement; my fiancé used to repeat little things that she had said. My parents thought it was strange that his mother never contacted us after we became engaged, but I was so much in love that I felt it didn't matter what she thought. Now I see how wrong I was! I hope you will publish this letter so other girls won't make the same mistake I made."

(A) This letter carries a warning that no one should fail to heed.

It is true that a man and woman marry each other, not each other's family. But marriage does not cut two people off from their families or from their families' influence.

Many young men and women who, during adolescence, rebelled against parental authority and claimed that they would live their own lives the minute they reached legal maturity, are likely to be drawn back into the family fold as they become more mature in their thinking.

Under such conditions, the family still influences their attitude and behavior. In matters of such great importance as marriage many young men and women think "Mother knows best" and are influenced by her decisions. That is what has happened in this case. Had the young woman met her future mother-in-law she might have shown her that she would make a good wife for her son.

Dr. Hurlock is the author of a 64-page booklet, "You, and Your Problems." For your copy send 15 cents in coin with a stamped self-addressed envelope to this newspaper.



Hurlock

## In Honor of the Bride

Her fellow employees of B.C. Forest Products entertained Miss Velma Jackman, September bride-elect, at a miscellaneous shower held in the home of Mrs. J. McCaig, 2066 Fernwood Road. Upon arrival the guest of honor was presented with a corsage of red rosebuds. Gifts were concealed in an umbrella decorated in pink and white. The tea table was centred with a shower cake, also decorated in pink and white. Invited guests were Mrs. M. Munro, Mrs. D. Cormack, Mrs. D. Rawlinson, Mrs. M. Rogers, Mrs. J. Collard, Mrs. J. Schlievert, Mrs. B. McEachern, and Misses Pat Russell, Lorraine Koski, Julie Mueller, Marion Martinik, Ella Marsden, Kitty Cree, Margaret Deslauries, Irene Ingham and Katyn Carver.

Miss Dorothy McNiven, a September bride-elect, was honored recently at the tea hour in the Empress Hotel by co-workers of the W. H. Malkin Company. The honor guest was presented with a gift of crystal and a corsage of pink gladioli. Those present were Misses Maureen Brown, Eleanor Kenny, Shirley Pearson, Myra Johnson, Verna Barnes, Kay Oliver and Mrs. H. Taylor.

Miss Jacquie Ormond, Miss Katherine Riddle and Miss Carole Gardier were hostesses with a miscellaneous shower for Miss Diane Sandford recently at the Obed Avenue home of Miss

Gardier. Blue and yellow trimming decorated the gift box, which was topped with a large white bow. Miss Sandford received a pink rosebud corsage, and her mother, Mrs. V. Sandford, received pink carnations. Among invited guests were Mrs. R. Welham, Mrs. J. W. Pilgrim, Mrs. J. Holding, Mrs. S. Wade, Mrs. E. Hudson, Mrs. R. Gardier, Mrs. R. Coles, Mrs. D. Gardier, Mrs. P. Riddle, Mrs. L. Fisher, Mrs. V. Ormond, Mrs. E. Pedneault, Mrs. L. Smith, Mrs. M. Rant, Mrs. R. Daniels, Mrs. L. McCaig, Misses C. Deacon, P. Ormond, W. Cannon, G. Molofy, L. Baird and N. Jubbs.

**Peter Pan**

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	REGULAR PRICE	SALE PRICE	DOWN PAYMENT
FIVE-PIECE SERVICE Teapot, Coffee Pot, Sugar and Cream, Tray	165 <sup>00</sup>	125 <sup>00</sup>	12 <sup>50</sup>
FOUR-PIECE SERVICE Teapot, Coffee Pot, Sugar and Cream	120 <sup>00</sup>	90 <sup>00</sup>	9 <sup>00</sup>
TRAY ONLY	45 <sup>00</sup>	35 <sup>00</sup>	3 <sup>50</sup>

BALANCE IN CONVENIENT MONTHLY PAYMENTS

**BIRKS**

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## OF PERSONAL INTEREST

### Invited to HMCS Venture Ball

Attending the summer ball in HMCS Venture on Friday evening on invitations from cadets will be this representative group from Victoria's debutante set:

Misses Maureen O'Shea, Ruth Anne Gordon, Sally Simpson, June Andrews, Dale Spilsbury, Jane Edgett, Michelle Robert, Anne Dugan, Joyce McCutcheon, Shirley Green, Margaret Gill, Susan Hall, Sharon Lane and Doreen Wilkins.

Misses Frances Wainwright, Valerie Potter, Sheila MacKinnon, Barbara Sanderson, Margo Matheson, Betty Lou Brandes, Carole Kennedy, Betty Kennedy, Lorraine Lousier, Madeline Cap, Rea Drager, Andre Lindsay, Jeanette Wright, Shirley Wood, Beverley Fisher, Hilary Hale, Jane Hulbert, Phyllis B. Watkins, Mary MacKenzie and Maria Botero.

Misses Christine MacKenzie, Maurine Squires, Ruby Walker, Jeanne Star, Winnifred Lockhead, Esther Arnason, Elizabeth Williams, Judy Trautweiser, Diane Woodward, B. Jenkins, M. Maycroft, Marjorie Lawson and Patricia Gallagher.

Misses Frances Quincey, Lynne Chaney, Janet Wallace, Elaine Mitchell, Myra Johnson, Hilda Thorpe and Marilyn Wilson.

Misses Denise Cove, Ruth Kinwig, Sally Anne Leary, Margo Pullen, Anne McAndrew, Dorothy Hunt, Brenda Durrant, Anne Wurtele, Janet Chapman, Terry McDermid, Elizabeth Patterson, Catherine Warren, Maura Hanley and Gerry King.

Misses M. Errington, Merle Emery, Sylvia McLaughlin, Marlene King, Heather Manson, Barbara Savale, Doreen Wilkimm, Vivienne Warr, Sharon Logan and Marilyn Dawson.

Misses Valerie Sharpe, Fernande Smith, Myrna Johnson, Jane Buckle, Gilberte Smith and Joan Collins.

Misses Gwyn Leaver, Margaret Bailey, Madeleine Smith, Frances Kefer, Margaret Jones, Maxine Herbert, Isobel Ogle, Myrna Smith, Sylvia Knott, Marsha Vaughan and Yvonne Corbin.

Misses Beverly Chapman, K. Pedersen, S. Pedersen, E. Harrison, G. Walkers and N. Little.

Misses S. Lewis, S. Stanley, J. Whitehead, Pat Jones, Shirley Bennet, Denise Yates, Ruth Hunt and Mickey Cox.

### Entertains for Daughter

Mrs. E. J. Capling entertained at her Beach Drive home this afternoon with a tea in honor of her daughter, Miss Joan Capling, whose marriage to Dr. Johannes (Jack) J. Kravenhoff van de Leur will take place Sept. 10. Guests enjoyed the perfect view from the patio of sea and mountains. The tea table was covered with a Venetian point lace cloth and centred with arrangements of mauve statice, pink roses and baby chrysanthemums. Pink and white candles in silver candelabra flanked the arrangements. Presiding at the tea table were Mrs. F. McIntyre, Mrs. Alister Campbell, Mrs. C. L. Whitby and Mrs. C. C. Annett. Inviting guests to the dining room were Mrs. Whitby and Mrs. H. C. Gill, while Mrs. T. H. Armstrong and Mrs. James Dickson showed the wedding gifts. Tuxedo assistants were Mrs. J. A. Finlayson, Mrs. G. Peter Thomson, Mrs. A. A. Chauvin, Mrs. W. Fletcher, Mrs. A. Beattie, Mrs. F. G. Usher, Mrs. T. H. Armstrong, Mrs. B. A. Smith, Mrs. P. A. Forster, and Mrs. Arthur Darrell. There were 100 invited guests.

### Will Live in Edmonton

Mrs. J. R. O'Brien, formerly of 417 Cook Street, flew to Edmonton last week, where she will make her future home with her daughter, Mrs. Ada Sharman, Suite 204, 10133-108th Street, in that city.

### To Study in New York

Columbia University is the destination of Miss Nancy Gray, daughter of Dr. and Mrs. T. W. A. Gray, Rockland Avenue, who left this morning for New York, where she will spend the next year studying at the University for her MA degree. She is a recent graduate of University of Washington, with a BA degree major in speech, and has been awarded a scholarship from the Lexington School for the Deaf, a teacher training centre for the education of the deaf in conjunction with Columbia University. Miss Gray is a graduate of Victoria Normal School, Cottey College, Nevada, Mo., and was formerly on the staff of the B.C. School for the Deaf and Blind in Vancouver. En route east, Miss Gray will visit friends in Illinois, Indiana and Boston.

### Alberta Visit

Mrs. Olive Dettlor Wilson has returned to her home on Harriet Road, following a two-month visit with friends and relatives in Calgary and at Edmonton.

### Tug of Zipper Changes Slacks Into Smart Skirt

IPSWICH, England (CP) — A "skirt"—a combination slacks and skirt—has been designed here for modest females who ride motor scooters.

The garment featuring the M-for-modesty line is the product of tailor John White, who noted the efforts of women aboard motorized bicycles to cope with controls and skirts at the same time.

"Most smart women don't care to wear slacks in town," says White, who with his wife's help worked five weeks on the problem. A tug of a zipper turns the slacks into a plain, pleated skirt.

"The idea solves a big problem that has worried some women a long time," said a young lady trying the idea out for the first time. The creation will be exhibited by a London fashion house at an autumn showing.

### Swift's Bologna



**Tastier... Fresher...**

### Quick Dish

Try this tasty blend of tender beef and juicy pork sliced with salad—or for hot service fry with skillet vegetables... so good... so easy... so economical.

**Swift** makes such good canned meats (like Prem!)  
SWIFT CANADIAN CO. LIMITED

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**Specialty priced**



To Begin the FALL SEASON

Ideal for wearing on the campus or in town!

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—\$6.00 DOWN  
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On a Rotating Budget Account

These coats were made specially for us from cloths that ordinarily sell as high as \$50.00... yours at the amazingly low price of \$35.00 each. Beautifully finished from fine imported and domestic all-wool coatings. Fully lined and chamois interlined for added comfort. Sizes 8 to 16.

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"Where Smart Women Prefer to Shop"

# of interest to Women

Elizabeth Forbes

Victoria Daily Times 19  
WEDNESDAY, AUG. 31, 1955

### Moose Members To Assist in Mortgage Burning

Members of Victoria Chapter, No. 25, Women of the Moose will journey to Duncan, Labor Day week-end, to join in celebrations to be held by the Duncan lodge and chapter on the occasion of the burning of the mortgage on the lodge home there.

Saturday night both old and modern dancing will be enjoyed. Sunday there will be a chicken barbecue, initiation of candidates and dedication of the lodge home.

Victoria members planning to attend should contact Recorder G. Priddle, 29437 or Graduate Regent D. Guelpa, 3-7794.

At meeting of Victoria Chapter held recently, Senior Regent J. Harper presided and Junior Regent M. Bentham and Mrs. E. Shaw were named to convene tombolas for the fall bazaar.

Last Saturday evening the chapter enjoyed a beach party at the Cordova Bay home of Mrs. S. Wetherell.

### CLUB CALENDAR

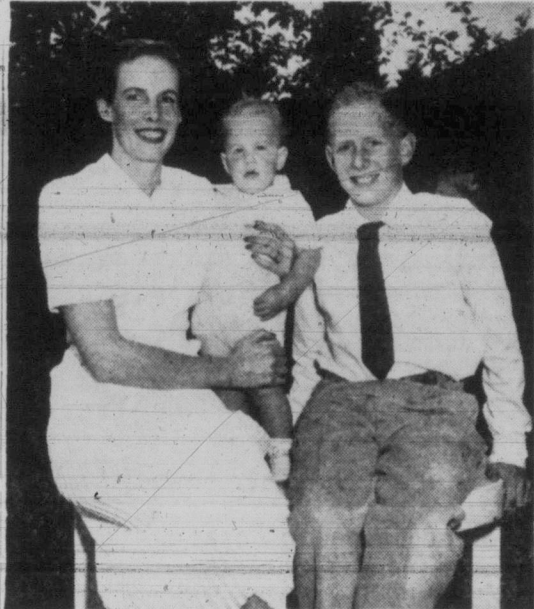
Carnie Rebekah Lodge, No. 45, Thursday at 7:30 p.m., IOOF Hall, Douglas Street. Roll call night... Victoria Chapter, No. 25, Women of the Moose, sewing bee for fall bazaar, Thursday evening at 240 Robert Street, home of Mrs. M. Smith. Members will meet at corner of Douglas and Yates at 7:30 p.m.

Ex-Service Women's Branch, No. 182, Canadian Legion, BESL, Thursday, at 8 p.m., Britannia Auditorium, Arena Way.

Daughters of St. George, Princess Patricia Lodge, No. 28, Friday, at 8 p.m., K. of P. Hall.

### Jubilee Hymn

CAMROSE, Alta. (CP) — Two housewives have combined their talents of music and lyric-writing, the result being the Alberta jubilee hymn "Lord We Thank Thee For This Land." The lyrics were written by Mrs. Irene Harrison of Oshon and the music by Mrs. Margaret Clennig of Kelsey.



### Year in Mid-West States

Mrs. Lloyd F. Detwiller with Gordon and baby Douglas, crossed to Vancouver Tuesday evening to spend the next two weeks with her parents, Mr. and Mrs. B. E. Harvey. The young family will be joined there by Mr. Detwiller in the middle of September and together will travel to Minneapolis where they will live for the next year while Mr. Detwiller takes a post-graduate course in hospital administration.

## OF PERSONAL INTEREST

### Wedding Guests

Attending the Woods-Nuttall wedding recently in Centennial United Church were Mr. and Mrs. F. Howard, Vancouver; Mr. and Mrs. C. Wood, and family, Mr. Sid Mitchell, New Westminster; Mr. T. Affleck, Vancouver; Mr. and Mrs. W. Hewitt and family and Miss J. Gibson, Nanaimo.

### Woman Continues To Mystify Man

EDMONTON (CP)—A professor of political science at the University of Alberta says "one of the mysteries of life" is why women don't take a more active part in public life.

H. B. Mayo of Edmonton said Tuesday if anyone thinks he can explain the reason satisfactorily, "he is either foolish, a bachelor or both."

He told the convention of the Canadian Federation of Mayors and Municipalities that municipal government appears to offer an attractive field of service for women but few come forward.

### Compromise

LONDON, Ont. (CP)—Pretty, 18-year-old Nancy Gill of Brantford, working here with the New York Players, says she can't make up her mind whether to be a singer, artist or actress. The talented teen-ager compromised by singing parts in the company's plays and painting scenery between rehearsals.

## Nurses Exchange Program Gives Opportunity for Overseas Study

MONTREAL (CP)—"Nurses are needed everywhere even though there are more trained nurses than ever before," says Miss Frances Rowe, of the United Kingdom, who has been touring Canadian medical centres to study Canadian nursing methods.

"The trouble," she says, "stems not from a lack of supply, but from an increased demand."

She is executive secretary of the National Council of Nurses of Great Britain and Northern Ireland, and came to Canada to study Canadian nursing "so that I may be of greater help to Canadian nurses when they come to England, and interpret to nurses in Britain the opportunities on this side of the Atlantic," said the tall, grey-haired Miss Rowe.

Her trip through the United States and eastern Canada was sponsored by the National Florence Nightingale Memorial Committee for Great Britain. She next goes with the president of the national council, Miss Lucy Duff-Gordon, to Istanbul, Turkey, to attend the meeting of the board of directors of the International Council of Nurses.

In an interview, she told about the international exchange program of nurses between 35 different countries. She said that nursing leaders in all countries are concerned with the need to review nursing education in the light of modern trends.

"We do not operate on a reciprocal basis, but nurses come and go for definite periods of time, and are expected to return to their own countries," she explained. The program is not so much designed to give service in other countries, but as a post-graduate course by which nurses can receive training they would not ordinarily get in their own countries.

After her tour of Montreal centres, Miss Rowe visited Ottawa and met Miss Pearl Stiver, executive member of the Canadian Nurses' Association. Miss Stiver and 99 applications are received from nurses in 14 other countries sent Canada at the Istanbul conference.

### Tang's Outfit the Entire Family for Back-to-School

From Kindergarten to High School

**SPECIAL TRENCH COATS**—Navy blue nylon blend gabardine, quilted satin lining.  
Sizes 3 to 6x... \$8.95  
Size 7 to 10... \$11.95  
Size 12 to 14x... \$12.95

**REGULATION BLACK GYM SHORTS**—With white trim, for all junior high schools. Boys', \$2.10 - Girls' \$2.04  
• Boys' White T-Shirts... \$1.49  
• Girls' Tailored Blouses... \$1.49  
• Regulation Gym Shoes

**SPECIAL Girls' Criskey Blouses**—In blue and green only. Sizes 8 to 14. Reg. \$2.50. **BACK-TO-SCHOOL SPECIAL 98¢**

**GIRLS'** Turtleneck Sweaters, Pullovers and Tartan Skirts and Cardigans. Long Pants, Blue Jeans, Jackets, Blazers, T-Shirts, Slips, Undies, Shorts, Boys' Flannel Jumpers, Blazers, from \$1.49. Sizes 8 to 16, from \$1.95.

**GIRLS' AND BOYS' POPLIN COKE JACKETS**

**TANG'S PAGODA**

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From Francis Jewellers

We carry a large selection of perfectly matched engagement and wedding rings. Choose now for your forthcoming fall wedding.

3-Stone Engagement Ring with matching Wedding Band. Sets, from **\$85.00**

Diamond Engagement Ring and Diamond Set Wedding Ring Sets, from **\$150.00**

Distinctive Bridal Sets, more lavishly set with diamonds, from **\$300.00**

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**Vitality**

molds a pump inspired by

your affection for a fashionable shoe to wear everywhere... and your insistence on custom-fit and walking ease. You'll want several

pairs. Calf or suede.

Vitality Shoes **\$16.95**

Black Suede  
Black Calf  
Brown Calf



## Don't Do It All Yourself— Push Buttons To Do Chores

For those who wish to shirk as many chores as possible during their holidays, there is a stockpile of "hand bombs" for setting off whenever tasks assume the proportions of real work.

Originally nicknamed "bug bombs," they were once limited to insecticides. But since this family of push-button sprays has acquired so many different time and energy-saving members, it is becoming known by the more appropriate surname of "aerosols." Aerosols are simply self-pressurized containers for dispensing products in the form of a spray or a foam.

Motorists who find themselves driving headlong into a summer storm can avoid short circuits caused by dampness if they hop out and spray the ignition system with a special plastic coating. Another spray waterproofs motors as well and is claimed to lengthen the life of batteries, wiring and insulation. The manufacturer also says it will help start wet engines.

Several days of damp weather won't dampen motorists' or campers' spirits if they keep a silicone water repellent handy for shoes, clothes, convertible tops or other canvas goods.

There is no need to linger in the hotel room over a sticky manufacture if you have the foresight to pack an aerosol nail polish-dryer. Those with dry skin will find that a single application of a new super-fatted sun tan cream should do the work of

several coatings of a less oily type. A purse-size aerosol bottle of perfume permits travellers to refresh themselves whenever they wish and save on packing space, too. Furthermore, it's economical because it sprays measured squirts. First aid can be applied to minor burns, cuts, scratches and bites of non-poisonous insects from a pressurized can. Should anyone sustain an injury requiring extensive use of adhesive tape, there is an aerosol to remove it—painlessly and cleanly.

For hasty hair resetting after a swim, tuck a liquid hair-net into your beach bag. One of the latest is listed as a three-purpose spray. It can be used to set curls following the weekly shampoo, again midway during the week to discipline straggling ends, and every day as a good-grooming aid.

Those whose cottages are landscaped or who have decided to spend their holidays in the backyard, needn't get all hot and bothered about lawn weeds. There is an aerosol for eliminating them and another for ridding roses and other plants of pesky insects.

Consider packing a pet shampoo and flea spray if you plan to bring a dog or cat along on your holiday. This spray is actually a foam and, therefore, particularly suited to animals frightened of water.

Even the amateur artist, who devotes part of his two weeks to recording sites and scenes with pastels, poster paints or charcoal, hasn't overlooked a push-button plastic fixative will prevent his work from smudging and seals the surfaces against air, dirt and moisture. Among the scores of aerosols formulated to do specific jobs three which make cottages and homes out of bounds for such uninvited visitors as starlings, pigeons and stray dogs. They are odorless and harmless to all forms of life.

Manufacturers have two recommendations to make to all aerosol users: Read the label carefully both before buying the article and again before using it, and be careful not to place containers where the temperature exceeds 110 degrees. This means avoid exposing them to the direct rays of the sun or an open flame.



AT LYLE'S



### COATS

Every Style Different  
Fitted or loose styles in British tweed or Mohair with white mouton collar and trim. A large selection of styles—two-piece, three-piece, four-piece, new collar and trim effects, home museum lined. Sizes 10 to 20.

From \$29.95

### SUITS

Full's finest selection—costume suits with beaver trim... finely hand-tailored suits of cashmere and fine wool... 3-piece ensembles with jersey top, boxy jacket and skirt of all-wool lustrous in England... boxy and tailored styles, genuine imported British tweeds and flannels, some velvet-trimmed. Also dressy beaded cocktail suits in black and pastel shades. Sizes 10 to 20.

From \$29.95

### DRESSES

You'll marvel at the selection—among them are styles exclusive to Lyle's in Victoria. Choose from lustrous, busy Perette tweeds, wool jersey, wool weaves, imported French cashmere, suede cloth and transition costumes... some have even, cotton-line! Sizes 9 to 19, 10 to 20, 12½ to 24½.

From \$29.95

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**LYLE'S**

LADIES' WEAR  
1441 DOUGLAS ST.  
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## LADIES! THURSDAY IS CLEAN-UP DAY AT MISS FRITH'S

- All Summer Hats Going at... \$1.49
- A Table of Odd Purses \$1.95

Extra Special in  
**UMBRELLAS**  
Ten Rib \$1.95 Sixteen Rib \$2.95  
Just in Time for School Opening

**Miss Frith**  
MILLINERY  
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Phone 3-4912

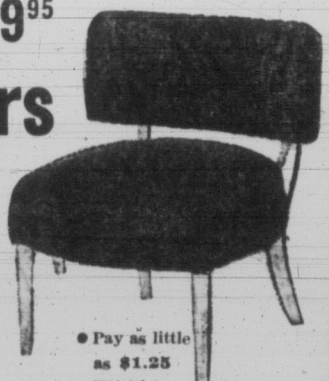


## At Mc & Mc... Bargains in Quality Furniture!

Sale! Regular \$19.95  
**Hostess Chairs**

- Wide color range!
- Fine upholstery!
- 25 Chairs only!

Smartly styled for the modern home upholstered seats and backs... spring seats, blond or walnut showwood. Outstanding value—Save \$3.45 on each!



Pay as little as \$1.25 Week!

SUMMER FURNITURE—Genuine "featherweight" garden furniture—while it lasts. Special 1/3 OFF!

BUNK BEDS—Maple Bunk Beds, complete with spring and mattresses. Complete \$99.50

CHROME SUITES—5-piece kitchen sets. Regular \$89.50 and \$98.50 Sale \$74.50 and \$79.50

JUST ARRIVED! New! "KROEHLER" SUITES

New styles, new fabrics, new colors in famous "KROEHLER" 2-piece Chesterfield... See them \$218 today... from

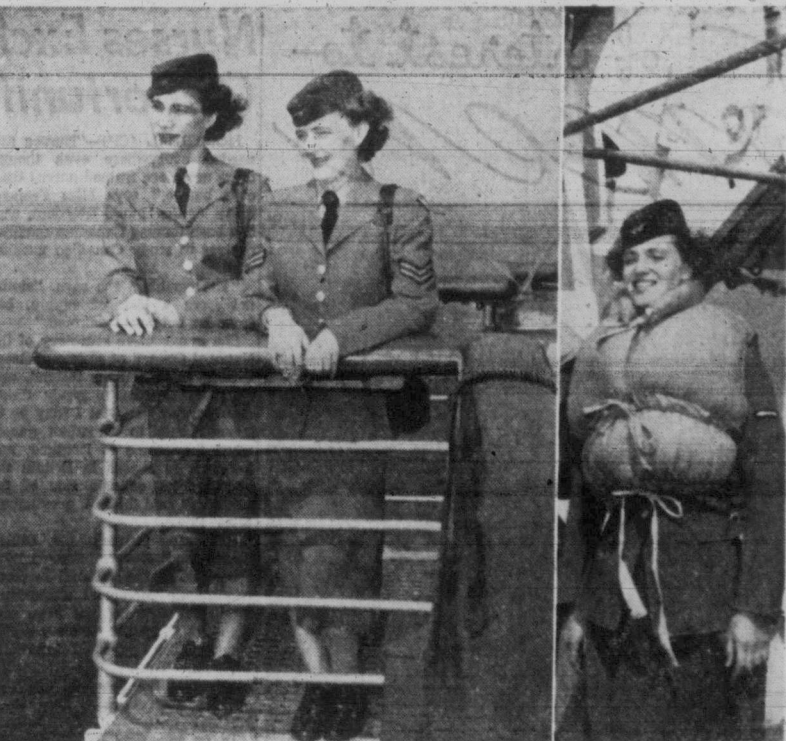
It's Mc & Mc for Baby Furniture  
BABY CARRIAGES, from \$34.50  
STROLLERS, from \$10.50  
PLAY PENS, natural finish, from \$12.95  
HIGH CHAIRS, from \$13.95  
CRIBS—wide range, from \$10.95  
CRIB MATTRESSES, from \$3.95

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## New Duties at European Bases

Two RCAF airwomen, at left, seems to be enjoying themselves on the upper deck lookout on board the Ss. Home-ric. The two, left to right, AW1 Magdelena Regenwetter, 610 Avalon Road, Victoria, B.C., and Cpl. Helen Lonsdale of Edmonton, will assume new duties at No. 4 RCAF Fighter Wing at Baden

Soellingen, Germany. At right—This RCAF airwoman would never think of entering a fashion parade in this get-up, but it's part and parcel of any ocean voyage. She is LAW Marion Ethell of Victoria, B.C., who is en route to new duties at an RCAF base in Europe. (National Defence photo.)

## WHY GROW OLD?

By JOSEPHINE LOWMAN

Relax—You Will Get More Done and Have More Fun!

Good theories are wonderful which they can be and are put into practice. It is always inspiring to hear of someone who has done so with satisfying results.

It is amazing how the great, deep and exciting adventure of living can be completely sabotaged by hectic daily routine. We struggle so with detail that we miss the view and the rejuvenation which living life to the fullest would bring.

It is very difficult to salvage even a little bit of each day in

ing against time. I was always tired when evening came.

"Lately I have decided to take life as it comes, do what I can without strain and let the rest

We spend our energy in such small ways. Actually, many of the small ways in which we spend our energy count up to big bonuses. The myriad detail of creating a pleasant home atmosphere, emotional as well as physical, can be exhausting as well as rewarding.

The woman in the home is what they call in business "a trouble shooter." She must be a diplomat, an executive, an organizer, and also have a sense of humor in order to handle successfully the small and large emergencies which arise in running a house and rearing a family. She divides herself into dozens of different parts and sometimes she loses herself while doing so.

The only possible answer to this rewarding and lovely situation is to learn to live and to work in a relaxed mood. Once you lose sight of the far horizons and feel hectic and hurried all of the time you are sunk.

This column was stimulated by a letter from a reader which I have before me. She writes: "I liked your column titled 'Why Not Take Life as It Comes.' I used to hurry all of the time in order to get certain things done by a certain time. If anyone popped in to disturb me I was less friendly than I normally would be because the task was still on my mind. Also, work-

wait. If anything happens to upset my routine I think 'tomorrow or the day after I will do what I had planned to do today. I have a whole lifetime ahead of me.'

"I find myself more friendly, happier and less tired. On top of that, strangely, I seem to get more done."

This sort of approach to daily living not only builds happiness but health and beauty.

### Good Builder

Yeasts, widely used for medicinal purposes, are rich in vitamins.



"Well aren't they perfectly delightful!"

My own shoes, bronzed to last for always! And think of it, Mom—less than half the regular price. All it costs is \$2.00 for each shoe—just because you buy those good Swift's Meats for Babies. Tell you what, Mom... get some more Swift's Meats for Babies and we'll send the rest of my shoes to be bronzed. Remember the address? Baby Shoes, Box 902, Postal Station "S", Toronto. Be sure to wrap the package carefully, Mom, and enclose \$2.00 and two labels from Swift's Meats for Babies together with each shoe to be bronzed. Let's hurry—then we'll give a pair back in time to give Grandma for her birthday!"

## Miss Kathie Nuttall Wed Recently In Centennial United Ceremony

Centennial United Church was the scene of a recent double ring ceremony when united in marriage Miss Kathleen Beatrice Nuttall and Mr. Sidney Basil Woods. Rev. Douglas B. Carr performed the ceremony for the daughter of Mrs. A. Nuttall, 665 Pine Street, and the late Mr. J. Nuttall, and the son of Mr. and Mrs. B. E. Woods, 461 Kingston Street. Standard baskets of pink and white gladioli were placed in the church and pink sweetheart roses tied with white satin ribbon marked guest pews.

Organist was Mrs. Margaret Wilmsmurst and soloist, Mrs. C. Salmond, who sang "O Perfect Love."

The bride, given in marriage by her brother, Howard Nuttall, was gown in a white brocade waist-length taffeta creation fashioned with a rolled neckline inset with pleated nylon tulle. The sheer sleeves were bracelet length, and the skirt, full and bouffant. Her chapel length veil of illusion net showered with jeweled flowers cascaded from a miniature satin and tulle Juliet cap. She wore a single strand of pearls, the groom's gift, and carried a cascade bouquet of gardenias, rapture roses and stephanotis.

Miss Alice Nuttall, sister of the bride, was maid of honor, in a deep blue waist-length gown of iridescent taffeta styled similarly to the bride's. Her bandeau was of matching material, and she carried a colonial

bouquet of tinted blue carnations and pale yellow roses. The ushers, Tom Affleck and Sid Mitchell.

A reception was held at the Chalet Matterhorn, Marine drive, where a three-tier wedding cake decorated with pink roses and topped with a miniature bride and groom was surrounded by pale pink tulle and centred the bride's table. White candles in silver holders flanked the cake. Murdo Ross proposed

the toast to the bride's happiness.

For a honeymoon trip to the interior, into Washington and Oregon, the bride chose for travelling a forget-me-not blue dressmaker suit with honey-beige accessories. She wore a full-length moccasin brown coat trimmed with beige, and chose a corsage of tawny gold roses. Mr. and Mrs. Woods will make their home on Estevan avenue when they return.

### LADIES

Join in Mainline League  
For Beginners or Experts  
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Get FLIT Aerosol Insect Spray for best results!

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### CAMPUS COMPANIONS

## Matching SWEATERS and SKIRTS

The trim lines you want for classroom or office... classic sweaters with skirts dyed to exact matching tones.

3 BEAUTIFUL SHADES—  
• Italian Pink • Watermelon Pink  
• Rust Blue • French Brandy  
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### SWEATERS

By Grandmere—completely machine washable in soft lamb's wool. Choose your matching skirt and sweater ensemble now!

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Styled with Unpressed Pleats \$15.95

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### Headquarters for School Supplies and School Accessories

- KEY TABS**  
Exercise Books  
Narrow and Wide Ruling  
5 in package  
69¢
- LOOSE-LEAF FILLER PAPER**  
For Three-Ring Binders  
8½x11 inches  
15¢ 25¢ 49¢
- EXERCISE BOOKS SCRIBBLERS**  
For Young and Old  
5¢ and 10¢
- Children's LUNCH BOXES**  
Some with Thermos Bottle  
59¢ to \$3.50
- We carry a large assortment of Pencils, Erasers, Crayons, Pen-Nibs, Ink, Glue, White Paste, Reeves Water Colors, Tempodisks, Pencil Boxes, Scotch Tape, Rulers.
- New PRESS-CLIP Retractable BALLPOINT PEN**  
Various Colors  
39¢ each
- Kiddies' FLANNEL SHIRTS**  
Zipper and Button Styles  
Sanford  
Sizes 2 to 6x  
98¢
- Girls' ANKLETES**  
Triple Roll Cuff  
Nylon Reinforced  
Heel and Toe  
39¢
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Sizes 8 to 16 • Sanforized  
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- ZIPPER RING BINDERS**  
In Four Smart Styles  
Coated Alligator • Ruf. Hide Alligator • Genuine Leather • In various finishes—1½" trigger-action rings, heavy-duty zippers, bumper edges.  
\$1.95 to \$5.95
- SPECIAL FRIDAY - SATURDAY**  
**Roast Turkey Dinner**  
2 for \$1.00 or 55¢ each



**KRESGE'S**

1100 DOUGLAS ST., CORNER OF FORT ST.

KRESGE'S—the friendly store



## CZECH PRESIDENT STRICKEN

VIENNA (AP)—Prague radio announced today that Communist Czechoslovakia's President Antonin Zapotocky suffered a heart attack Tuesday night.

A bulletin signed by four doctors said Zapotocky, 70, suffered severe disturbances of blood circulation and heart weakness.

## ARRIVING DAILY

## NEW FALL COATS SUITS

—Every coat is an individual masterpiece for fall '55 in all the newest fabrics.

The Suits are all new, including the "Long Look" and 3-piece ensembles, with heavier lined jackets. Tailored styles too, in Tweeds and plaid.

Mary Constance 784 FORT 3-4932



## Confessions Obtained By Beatings?

Charges Against Don Jail Made Before Bar Association

OTTAWA (CP)—Penitentiary submission made Tuesday by the editorial board of The Tele-scope, the Kingston, Ont., penitentiary's monthly magazine, to the association's criminal law section.

The charge was included in a submission said: "In some cases persons awaiting trial in the Don jail are taken to detective headquarters and beaten unmercifully because they will not confess."

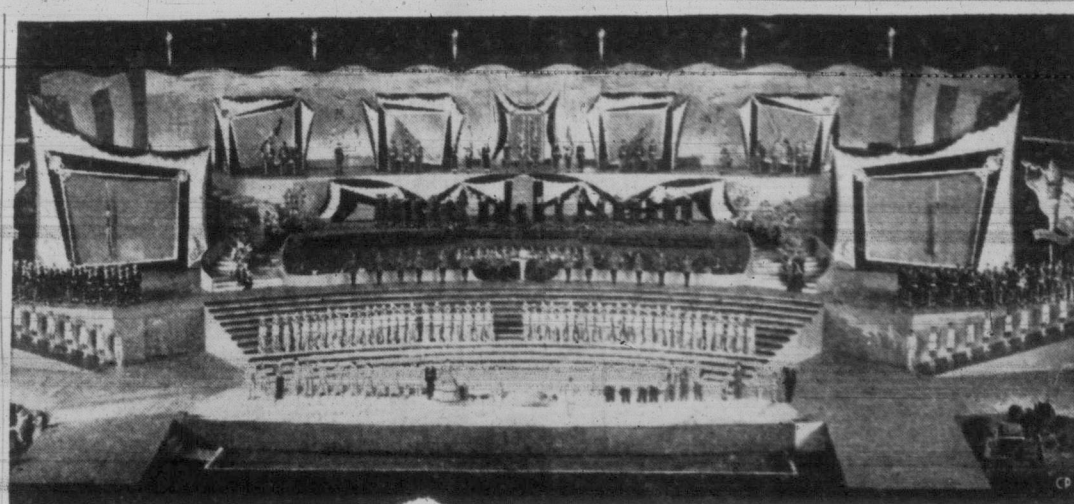
"There should be an onus on the crown to see that prisoners are not rubber-hosed or beaten so they will confess."

The written submission was made in the form of comments on questions for a panel discussion being prepared for an association general meeting today.

In Toronto, Col. H. R. Patterson, governor of Don Jail, denied that prisoners are taken to Toronto police headquarters and beaten into confessing crimes.

Col. Patterson said prisoners remanded to the Don Jail are not taken from the jail except when they are to appear in court or in a line-up for identification purposes at police headquarters.

He said he has never had a complaint from a prisoner that he was beaten at headquarters.



CNE GRANDSTAND SHOW—Performers gather onstage for the finale at the Canadian National Exhibition, Toronto. Called the world's largest stage, it accommodates some 500 performers. A tri-service

show is one of the highlights, along with 76 dancing girls. Ed Sullivan and Marilyn Bell are the featured performers. (CP Photo.)

## COFFEE PRICE RAISED BY U.S. WHOLESALERS

NEW YORK (AP)—The two biggest independent coffee roasters in the United States raised their wholesale prices Tuesday.

General Foods Corp. increased its brand-name coffee by three cents a pound and Standard Brands added three cents to the price of its trade-marked coffee.

This raises the wholesale price of both to 91 cents a pound. Trade sources said they expect other roasters to follow suit.

## VISITORS LEARN ABOUT PRAIRIE FARMS

## Russians Puzzled Why Grains Not Used to Raise Livestock

By HAROLD MORRISON, Canadian Press Staff Writer

MILESTONE, Sask. (CP)

Russia's farm chief said Monday he is puzzled why Saskatchewan farmers do not grow more oats than wheat and use the oats to produce livestock.

Vladimir Matskevich said the question was a vital one for the Soviet. His country was opening up new virgin farm land and the question Russian farmers had to face was whether it was better to grow wheat on the new land for cattle feed.

The question of bread grains versus feed was brought up while the nine Russian farm experts visited the 4,000-acre farm of Peter Pedersen, nine miles west of Milestone and about 30 miles south of Regina.

There, from 72-year-old William Pedersen, father of 42-year-old Peter, the Russians got the story of how the pioneer, living under the free enterprise system, carved his big farm out of the virgin prairie a half-century ago.

The Russians, sitting in a circle on the Pedersen front lawn, wanted to know every detail of the farm and the two Pedersens—father and son—told them.

STARTED WITH FLAX The elder Pedersen said he first sowed the land to flax and later to wheat, getting average yields of more than 30 bushels an acre. But since 1919, the yields have dropped.

The younger Pedersen, father of three children, estimated that now he had 800 acres in wheat, 240 in flaxseed, 160 in barley and 45 in oats. The rest was in pasture and wild grassland. He

was a grain man but he also had a herd of 85 purebred Aberdeen Angus cattle.

When Mr. Matskevich learned that the Pedersens could get twice the yield out of an acre of oats than out of an acre of wheat, he said he was puzzled why more oats were not grown.

The younger Pedersen argued that the area simply was not suitable for livestock. Building up of oats production would not be enough water available; the winters were severe, and the winds were high.

Mr. Matskevich suggested that possibly a labor problem was involved. Mr. Pedersen replied that he kept one man for the Angus herd and considered this man "as good as 1½ men."

NEIGHBORS GATHER While the Russians and Canadians spoke, neighbors gathered. The teacher from a nearby rural school led a little group of students to the house to see the Russians.

The meeting was warm and friendly. The Russians snapped photos of the Canadians; the Canadians snapped photos of the Russians. One Russian delegate picked up a little boy and kissed him.

The Russians toured the farm, inspected the tractors, harrow, combine and other machinery, dug into the soil and examined it and then moved on to lunch at a Weyburn hotel.

## AUGUST FUR SALE

## HELD OVER FOR 1 WEEK ONLY!

LOOK! FULL LENGTH COATS SALE \$195.00. CLUTCH COATS SALE \$124.00. PAY ONLY 10% DOWN. IF YOU DON'T KNOW YOUR FURS—KNOW YOUR FURRIER.

## VICTORIA FUR SHOP

831 FORT STREET



## HOME-SQUEEZED ORANGE JUICE IS better for baby...

You know it is absolutely pure and fresh... with all the goodness—all the Vitamin C that nature put there.

## Sunkist

TREE-FRESH VALENCIAS from California and Arizona

## Get ready Get set Go BACK to SCHOOL

IN SMART TOGS FROM THE STORK SHOP. Boys' sizes 4 to 6x, Girls' 4 to 16. JUMPERS—Cords, flannels and visella. DRESSES—Washable cottons, flannels and plaids. Tunics, Skirts, Blazers, Knee Socks, Jackets, Panties.

Tween-Age Shop Ltd. 631 Fort Street Telephone 4-1194 "There Is No Substitute for Quality"

## Drug Suspect To Be Charged As Trafficker

VANCOUVER (CP)—Fred Collins, 46, received a remand Tuesday when he appeared in police court to face a charge of trafficking in narcotics.

Collins was originally charged with possession of drugs after police arrested him with 200 drug capsules in his possession.

He was remanded to Sept. 6 after prosecutor Wilfred Hefferman revealed the trafficking charge in police court.

Collins is free on \$10,000 bail. Collins earlier put up \$10,000 of \$20,000 bail set for Lucien Mayer, charged with attempted murder and also with conspiracy to traffic in drugs.

MAJOR USERS Industrial concerns, school children and government employees use the most lead pencils, in that order.

## Middle East Scout Groups Admitted

NIAGARA FALLS, Ont. (CP)—The Boy Scout associations of Iran, Jordan and Kuwait Tuesday were admitted into the Boy Scout international conference.

More than 150 delegates in session here voted to admit the three countries on the recommendation of the director of the International Scout Bureau, Maj. Gen. Dan C. Sprock.

The Iranian National Organization of Scouting with 3,000 members first became a member of the international conference in 1928 but its registration lapsed during the Second World War.

In Kuwait, the first scout unit was formed in 1936 and the membership has since risen to more than 2,000. A national association was formed recently.

The Jordan Boy Scouts' Association consists at present of 68 groups with 3,000 active members.

COFFEE CAPITAL Sao Paulo is the coffee capital of Brazil, whose crop usually accounts for more than half the world's supply.

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## JUNIOR SHOP DOWNSTAIRS

## HIS or HERS

for Back-to-School

Call in before the holiday week-end and choose your back-to-school clothing needs at leisure! Downstairs at Wilson's you'll find the choice, the values, and the expert assistance you need in Back-to-School Buying for boys and girls of all ages... private or public school!

The BEST for BOYS

Sweaters of all styles including V-neck, round-neck and sleeveless. Sports Shirts, Sports Coats, Shirts, Blazers, Underwear.

Slacks including Pahardine, worsted flannel and Dacron blends. Socks, Ties.

GIRLS will NEED

Sweaters, Skirts, Blazers, Coats, Socks, Scarves, Slippers, Purses.

Be Sure to Order CASH'S WOVEN NAMES

Ask About the Wilson Budget Plan

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STARTS THURSDAY-9 A.M. TALLACK'S SHOE STORE—1321 DOUGLAS ST.

50 PAIRS LADIES' GREY SUEDE SHOES in ties, straps and pumps. All sizes in the lot. Reg. Price \$7.50. SALE PRICE \$1.95

300 PAIRS GROWING GIRLS' CASUALS in white, black, blue, red and ginger. Just what the school girls want. Sizes 4 to 9. Reg. Price \$4.95 and \$5.50. NOW ONLY \$2.95

75 PAIRS GROWING GIRLS' BLACK AND BROWN SCHOOL LOAFERS. Sizes 5 to 9. Reg. Price \$5.95. SALE PRICE \$3.95

500 PAIRS LADIES' FINE SHOES. Medium and high heels, pumps and straps. In red, black, brown, blue, and black suede. All sizes. Reg. \$7.50. NOW \$5.45

250 PAIRS PUMPS, STRAPS AND TIES. In black, brown, blue, red. Medium and high heels. Also black suedes. Reg. \$8.50. SALE PRICE \$6.45

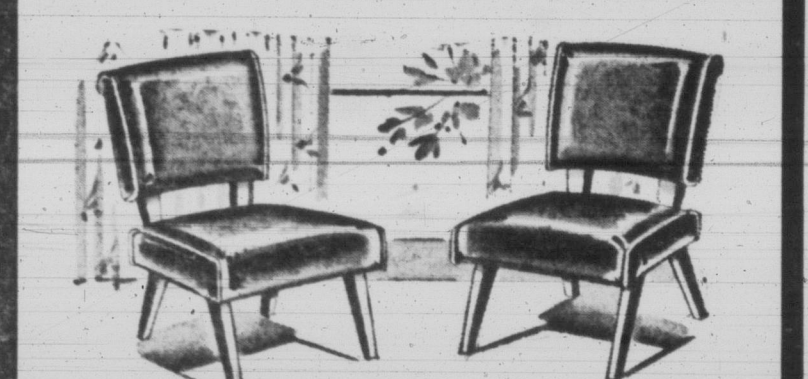
45 PAIRS MEN'S BLACK AND BROWN LOAFERS. A wonderful buy at \$6.50! AND NOW, CLEARING AT ONLY \$4.65

MEN, LOOK! Values to \$11.50 in BOOTS AND OXFORDS. All sizes 6 to 11. SALE PRICE \$6.85

HERE'S A GOOD BUY, MEN! A good selection of SLIPPERS AND OXFORDS. Several styles to choose from. Sizes 6 to 11. Wonderful values! CLEARING PRICE \$3.95

Tallack's Shoe Store 1321 DOUGLAS ST. NO REFUNDS — NO EXCHANGES — NO CHARGES

## NEW SHIPMENT ATTRACTIVE HOSTESS CHAIRS



Well made with smart coverings, suitable for extra living-room chairs, bedroom chairs and other uses. SPECIAL \$12.50

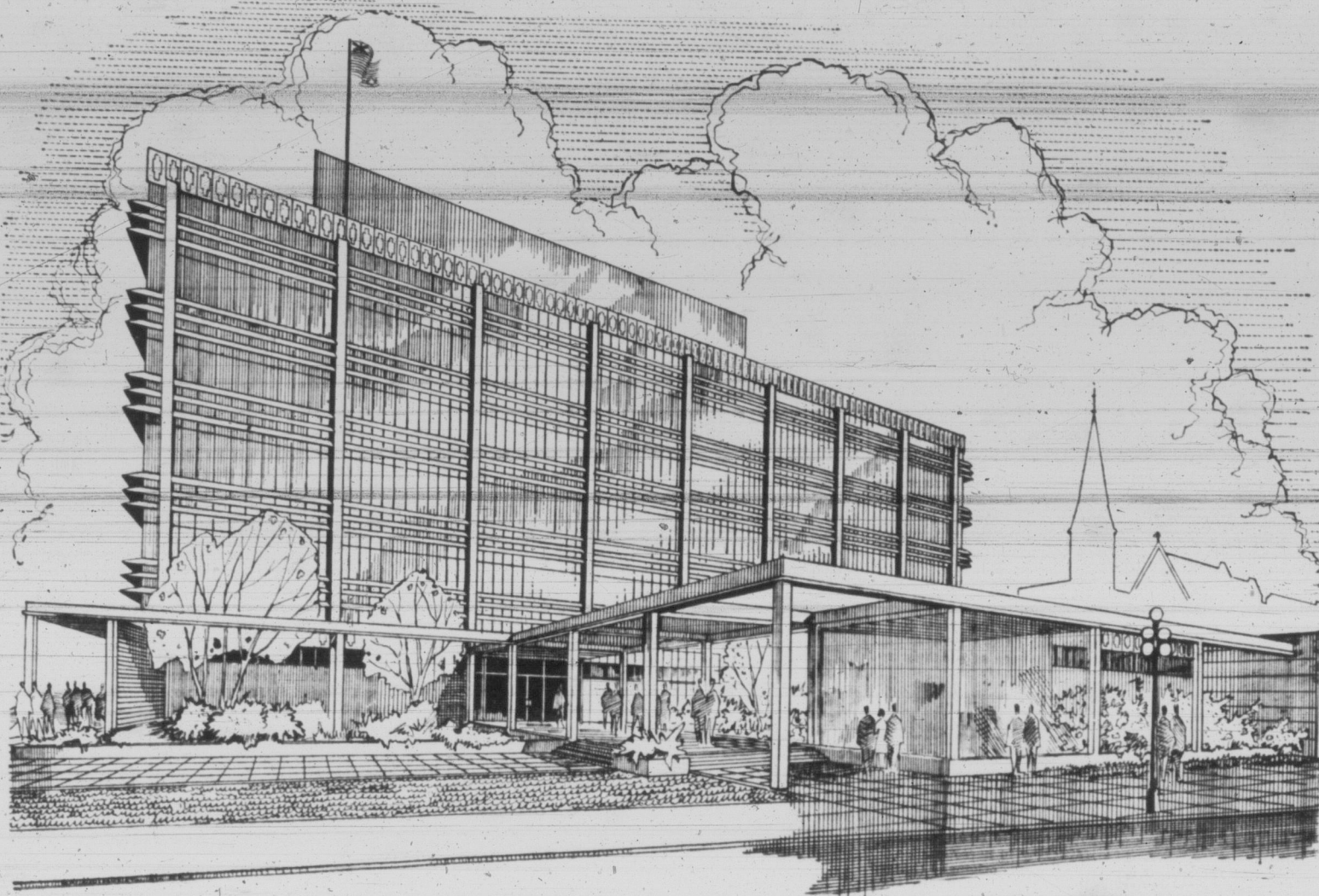
HOSTESS Arm Rockers Popular style, with attractive coverings. \$25.00

REST Rockers Quality covers in attractive shades of grey, rose, turquoise, ice pink. \$39.50

JUST ARRIVED! NEW SHIPMENT of USEFUL and ATTRACTIVE HASSOCKS \$3.95 to \$21.50

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# NEW CONVENIENCE AT A NEW LOCATION

The New B.C. Electric Building, Pandora and Blanshard, Opens  
Thursday, September 1st, Succeeding Langley and Douglas St. Offices

Building a new home, whether it's a cottage or an office building, takes a lot of planning. Our new offices at 820 Pandora Avenue were no exception. The building had to be convenient for you. It had to provide our staff, the people who serve you, with modern aids to look after you efficiently. We wanted it to be attractive in appearance and a credit to Victoria's business area.

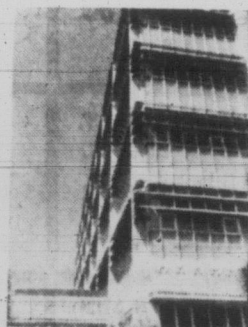
The architects, contractors and Victoria tradesmen who constructed the building have done a good job. The modern architectural treatment, lighting, air conditioning and dramatic use of colour in the building should be a useful source of ideas and inspiration to others.

The building provides excellent facilities for the public; and for the staff, formerly quartered in the Langley Street, Douglas Street and Rock Bay buildings, all Victoria landmarks.

In place of these scattered offices the new location will provide greater convenience for the 47,000 customers (doubled since 1939) who now use 300 million kilowatts of electricity a year.

At the new building you can pay accounts at the drive-in depot without leaving your car. There is generous parking area if you wish to take advantage of our free advisory services, which include lighting, home service, home planning, agricultural services, industrial gas and electric advisory services.

On your next call you will see the ways in which we have planned to serve you better.



## *B.C. Electric*



# New BCE Home Open Thursday For Business

Blue-Glassed Structure at Pandora And Blanshard City's Most Modern

Victoria's most modern office building, the blue-glassed B.C. Electric structure at Pandora and Blanshard, opens for business Thursday morning.

After 17 months' construction, the new office will ring to the rhythm of typewriter bells and the early overworked workers will be replaced by office workers.

Their new surroundings have been planned to offer maximum convenience to both customers and staff.

Strikingly modern in concept, the building interior emphasizes simplicity throughout and careful planning for a dual role of customer service and administrative centre for the company's activities on Vancouver Island.

The six-storey structure takes the place of three other B.C. Electric offices which for some time have been overcrowded as a result of the company's growth here, particularly in the post-war years.

One is the historic Rock Bay office, in use since the early 1890s; another, the Langley Street offices occupied over 50 years; and the third, the B.C. Electric office on Douglas Street opened in 1913.

With the new building, all office work concerning the electric and gas services will be centred in one location.

The site of the building has also been developed in the over-all planning and is being landscaped in keeping with modern town planning. Generous provision is made on the block square property for off-street parking, including 20 places for customers and suppliers' automobiles and 75 for employees' vehicles.

## Drive-In Service Innovation

An invitation to Victoria at related sections. Maintenance of the new B.C. Electric building is principally washing which is a "drive-in-cashier" service at the north side of the building operated rig which operates from the roof in vertical plane, where motorists may pay accounts without leaving their car.

Similar emphasis is placed on customers' convenience in the applications and accounts sections located on the main floor for easy access.

A second innovation, incorporated for safety's sake, is a thermostatically controlled electrically heated walkway in the arcade to the building, assuring that the walk will be dry in rain or slush conditions.

Most commented upon aspect of the structure perhaps is the horizontal plane aluminum "eyebrows" on all but the north side of the building. They are for sun control, eliminating the need of shades or blinds. While comparatively new in Canada, they have been widely used in South American cities.

A dramatic exterior appearance is achieved by extensive use of glass, 26,500 square feet in all, including permanently of electrically-operated pumps.

## Over-All Sound Proofing Installed

Another important feature is over-all sound proofing, desirable in the interest of efficiency. This is achieved by ceilings of pumice mineral (tile), used for the first time in British Columbia.

The floor covering throughout the building is practically all heavy-gauge monumental grey linoleum chosen for its attractive appearance, long life and ease of maintenance.

The trend in modern home-making to a house that is simple in line and easy to maintain has

## Demonstration Space Provided

Visitors to the building will find expanded facilities for the free advisory service provided by the company. The Home Service Department, to whom thousands of Victoria women turn during the course of a year, are provided with an ultra-modern model electric and gas kitchen and laundry area, business machine room and the personnel person seating capacity) for demonstrations and public service events.

Further opportunity for the public to view the latest appliance developments in the gas and electric field is provided by two exterior display windows and an interior display space at ground level where the appliances will be demonstrated in operation.

Giving an outward impression of being much larger, the building is 176 feet in length, 35 feet in width and 70 feet in height. Thousands of man hours of work were involved in its construction. The architects for the building were Sharp & Thompson, Berwick, Pratt & Charles E. Craig, of Victoria, and the general contractor was Commonwealth Construction Company of Victoria. With minor exception, the sub-contractors and suppliers were also local people.

Initially, the building will accommodate approximately 150 employees. The design is such that there is reserve area of 20 per cent for future expansion, if, as and when required.

Location of services and staff by floors is as follows: Sixth floor, vice-president's office, legal department and public information department; fifth floor, light and power engineering, planning and draughting; fourth floor, accounting, payroll

Sharp & Thompson, Berwick, Pratt and Charles E. Craig

Architects for

THE NEW B.C. ELECTRIC BUILDING

502 FORT ST.

VICTORIA, B.C.



SALES OFFICE in new BCE building features latest in design trends. Simplicity of decor is predominate. Above

is typical interior view of building. Office, like others, has latest in lighting throughout. (Times photo.)



# Companies Act Changes Sought

Proposals Being Studied Now May Be Acted on by Legislature

Proposals for a complete overhaul of the B.C. Companies Act are now being studied by the provincial government for possible action at the next session of the Legislature in January.

The wide general interest shown by foreign and domestic investors in the development of the province has stimulated recommendations for amendments of the statute which governs issue of prospectuses, annual reports, financial statements and other company information.

Among the groups which have made proposals to the government is the Institute of Chartered Accountants of British Columbia which seeks a number of changes in sections dealing with accounts and audits of British Columbia companies.

The British Columbia act unchanged since 1936, needs to be brought up to date, the institute contends, because of progress in accounting though and terminology and the definite trend toward fuller disclosures in annual reports.

## Results Must Be Shown Fairly

The main section of the recommendations deals with the contents of financial statements and includes a proposal that the profit and loss statement must be drawn so as to present fairly the results of the operations of the company.

There is proposed also a specific requirement that the balance sheet be drawn so as to present fairly the financial position of the company. The items which must be dealt with separately are double the number mentioned in the present act. Important changes would include the requirement that the basis of valuation of the different classes of assets must be stated and that amounts owing by and to subsidiary and affiliated companies must be separated from other receivables and liabilities.

An important innovation would be a section dealing with "notes to financial statements."

## Insignificant Items Left Out

In order not to clutter up financial statements it is proposed that specified information need not be given if it is of relative insignificance.

The recommendations would probably lead to the furnishing of more consolidated financial statements. However, it is pointed out that these do not in every instance provide the fairest picture and accordingly they should not be mandatory. Where they are not presented, the directors of the company would be required to state their reasons for not consolidating statements, and at the same time, they would have to provide the shareholders with adequate information concerning the financial position and earnings of the subsidiary companies.

The directors would be required to indicate their approval of the entire set of financial statements—not just the balance sheet as at present. All shareholders and debenture holders would be given the right, upon request, to copies of their companies' financial statements, without charge.

The auditor would be required to report upon three things, but only if they arise:

1. If the statements are not in agreement with the accounting records or are not drawn up in accordance with the requirements of the act.

2. If he has not received all the information and explanations he has required.

3. If proper records have not been kept, so far as appears from his examination.

Accounting requirements of the act in connection with a prospectus are virtually nonexistent, the brief maintains.

# BCE Advances Modernization Of Facilities

Big Investment Here In Last 10 Years

Modernization of B.C. Electric facilities and services on Vancouver Island, the latest of which is its new office building on Pandora Avenue, have run to a total of \$18,000,000 in capital expenditure since the Second World War.

The new office building has been preceded by an extensive program of development and improvement of transportation, electric and gas services to keep ahead of striking growth in population in the post war years.

Planned while the war was still on and acted upon immediately equipment became available, the transit development centred on the replacement of 45 street cars with 100 modern motor buses. At the same time steps were taken to integrate the transportation system through franchises negotiated with the four municipalities of Greater Victoria. A new maintenance and administrative centre at Garbally Road was another part of the program.

## MILES OF LINE

Assured electric service meant the building of scores of miles of line, including the \$2,000,000 Victoria-to-Nanaimo transmission line; Goward substation, and the introduction of modern facilities (many of them automatic) for the supplying of energy to meet an electrical demand which, today, is four times what it was in 1939. Concurrently, the number of electric customers has climbed in the same period from under 25,000 to nearly 50,000.

A further phase of development was the complete conversion of the Victoria gas plant from manufactured gas to an all-propane air gas system. The original manufacturing plant, dating back almost 100 years, is in the process of being dismantled. A streamlined "tank farm" takes its place. Planning also takes into account that natural gas at some time may be economically feasible on Vancouver Island.

The development tempo, too, shows no present signs of slackening. The company's forecasted capital expenditure in this area for the next five years exceeds \$17,000,000. Among the items of this program is the Vancouver-to-Vancouver Island underwater power cable slated to be complete and in operation by midsummer of next year.

## Two Dead, Three Hurt As Marquee Crashes

MONTREAL (BUP).—Two persons were killed and three others were injured Tuesday when a heavy cement marquee fell on them while it was being installed on a new school site.

Police said the 10-ton marquee fell from the third floor of the new Sacred Heart School and struck the five men working on the ground level.

## MOST USED

Lead pencils sell at the rate of 9 to 1 over other types of writing instruments.

# CROWDS OGLE OGOPOGO 30 FEET FROM SHORE

KELOWNA, B.C. (CP).—More than two dozen persons Monday got a close view—from less than 30 feet—of the fabled monster Ogo-pogo in Okanagan Lake.

The witnesses included 10 visitors to the city and the staff of the Aquatic tea room on the shore of the lake. They said the monster surfaced less than 30 feet from the shore and remained there for several minutes.

## CONGRATULATIONS ON THE OPENING OF YOUR ULTRA-MODERN OFFICE BUILDING

MECHANICAL COOLING EQUIPMENT SUPPLIED AND INSTALLED BY

CANADIAN ICE MACHINE CO. LTD.

REFRIGERATION AND AIR CONDITIONING ENGINEERS AND CONTRACTORS

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No Job too big—  
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Standard is equipped to handle all commercial or residential furnishing!

The Standard Furniture Company is proud of the part it played in furnishing the great new B.C. Electric Building on Pandora.

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Standard is Best — the Largest with lowest prices in the West!

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# F. DREXEL CO. LTD.

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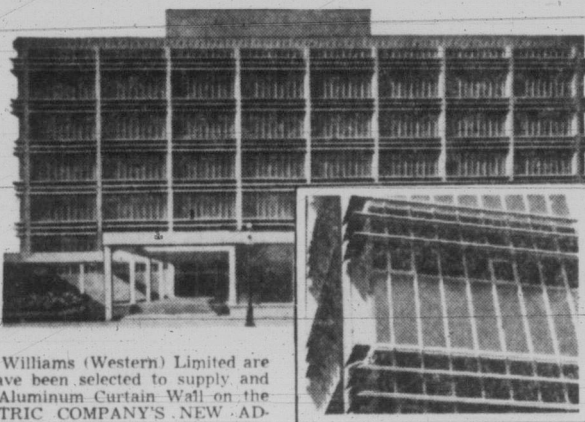
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# Wallspan...

THE MODERN SYSTEM OF CURTAIN WALLING



Williams & Williams (Western) Limited are proud to have been selected to supply and install the Aluminum Curtain Wall on the B.C. ELECTRIC COMPANY'S NEW ADMINISTRATION BUILDING, VICTORIA. We have now completed contracts of this nature in every major city across Canada, and we congratulate the B.C. Electric Company and all concerned on the completion of this fine building.

Wallspan... an insulated, all-aluminum metal "curtain" with built-in window spans, is factory made, assembled on the site and erected by bolting to the side of the building.

## WILLIAMS & WILLIAMS (WESTERN) LIMITED

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Congratulations  
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We are proud to have done our part in the supplying of True-Mix Concrete and Building Supplies

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3191 DOUGLAS

## Meeting in Canada Set For University Group

EDMONTON (CP).—Site of the next congress of the Association of Universities of the British Commonwealth will be in Canada all 1958—probably in Toronto and Montreal—Dr. Andrew Stewart, president of the University of Alberta, said Tuesday.

He is survived by his widow, Lily; a daughter, Mrs. Ethel Howard, Comox; two sons, Kenneth and Leonard, Victoria; four grandchildren, and three sisters and four brothers in England.

Funeral services for Frederick Howard Parsons, 70, 563 Manchester, a resident of Victoria and district for 32 years, will be held at 3 p.m. Thursday at McCall Bros' Funeral Chapel.

Born in Birmingham, Eng., Mr. Parsons died Tuesday at the Royal Jubilee Hospital. He was a post office employee for 38 years.

He is survived by his widow, Lily; a daughter, Mrs. Ethel Howard, Comox; two sons, Kenneth and Leonard, Victoria; four grandchildren, and three sisters and four brothers in England.

Funeral services for Frederick Howard Parsons, 70, 563 Manchester, a resident of Victoria and district for 32 years, will be held at 3 p.m. Thursday at McCall Bros' Funeral Chapel.



# Lawyers Plan Free Legal Aid For Little Man

Voluntary Help Favored Over Government Subsidy

## ALL BRITISH LAW GROUPS ASKED HERE

OTTAWA (BUP)—The executive of the Canadian Bar Association has recommended that bar associations and law societies of the British Commonwealth be invited to hold their next conference in Canada.

The first such conference was held this year in London, Eng. The next conference will be held in 1960.

The CBA executive suggested that the 1960 meeting could be held in Banff, Alta., or Ottawa immediately before or after the Canadian group's convention at Quebec City that year.

The executive also announced today that next year's sessions of the CBA will be held in Montreal.

## Magna Carta For Convicts Okayed by UN

GENEVA (Reuters)—The first United Nations congress of prevention of crime and treatment of offenders Tuesday approved a "prisoner's charter" prohibiting "all cruel, inhuman or degrading punishments."

It adopted a set of 96 standard minimum rules which would ban corporal punishment, chains, irons and strait-jackets and punishment by placing in a dark cell for disciplinary offences.

Except in special circumstances, prison staff should not be armed. As a guiding principle, the rules stated that protection of society against crime can only be achieved "if the period of imprisonment is used to ensure, so far as possible, that upon his return to society the offender is not only willing but able to lead a law-abiding and self-supporting life."

To this end all remedial, education, moral and spiritual forms of assistance should be applied, it said.

## Faulty Sewer Job Sends Five to Jail

NEW YORK (AP)—Victor Clemente, a sewer contractor, and four former city sewer engineers and inspectors have been jailed as a result of a 1953 sewer scandal. Clemente, 58, drew an 8½-to-17-year—the longest—prison term Tuesday for conspiracy, fraud and bribery in building the \$185,000 Laurelon sewer in a way so faulty it had to be replaced the following year at a cost of \$391,368.

## UNION LEADER THINKS SO

### Power Commission Remiss On Gas Distribution?

VANCOUVER (CP)—A city labor leader said here that Vancouver consumers have been let down by the B.C. government in its decision to give natural gas distribution rights to the B.C. Electric Co.

Vic Forster, secretary of Vancouver Labor Council (CCL), commenting on an announcement from the Public Utilities Commission, said the PUC could not give any other decision, be-

cause there was only one applicant before it.

"It proves," he said, "the down by the B.C. government in its decision to give natural gas distribution rights to the B.C. Electric Co."

He said it was the duty of the opposition parties to ask the government's policy for its Power Commission.

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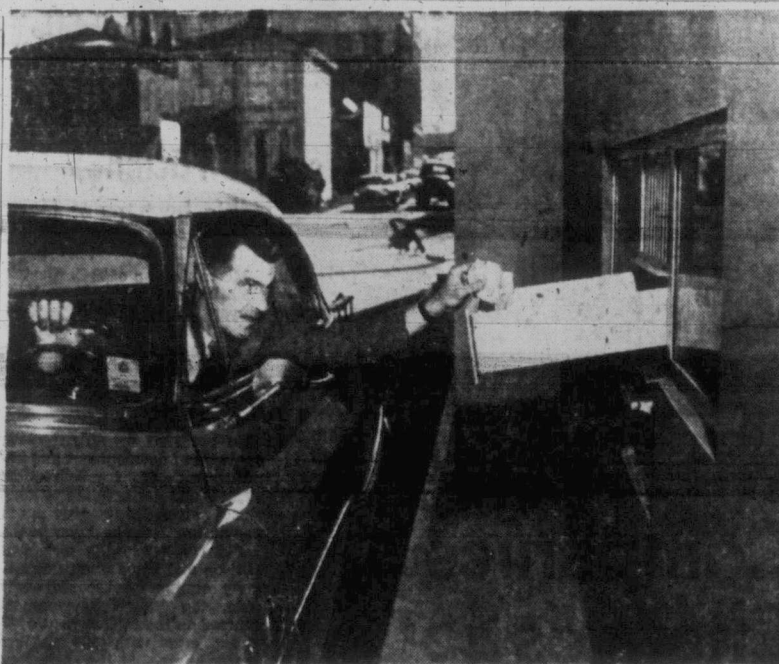
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NEW IN THIS CITY, is drive-in system of paying bills. BCE building has innovation, reached from Amelia Street. Parking in area handles up to 15 cars.

Mobile drawer extends to car window to pick up money. Idea is one can pay bills without leaving car, saving customer time and shoe leather.

## Curious Tourists Join BCE Staff In Private Preview of Building

### TOURISTS LEAVE MARK ON COMMONS BUILDING

OTTAWA (CP)—Tourists have left their mark on the Parliament buildings this summer.

One has carved his name—Keene 1955—in letters two inches high and an eighth of an inch deep in the old stone in the main arch of the peace tower.

Fourteen pieces of wrought iron have been wrenched from the gates to the memorial chamber where the Canadian book of remembrance is kept.

The decorative wrought iron padlock to the memorial chamber gates has disappeared altogether. The Commons protective staff is constantly on the watch for tourists who want to leave their mark but has missed many.

### 'Chip on Shoulder' Attitude Says CCF Leader of Socreds

BRALORNE, B.C. (CP)—Provincial CCF leader Arnold Webster Tuesday night accused the Social Credit government of approaching issues with a "chip on shoulder" attitude.

Mr. Webster made the charge at nearby Pioneer Mine, where he appeared with Jack Thomas, CCF candidate in the Sept. 12 Lillooet by-election.

At the same time, Ron Harding, CCF member of the B.C. legislature for Kaslo-Slocan, spoke to an audience of about 20 persons in Bralorne.

Mr. Webster said the forest management licence dispute which led to the resignation of Liberal Gordon Gibson could have been avoided if the government had referred it to committee.

The CCF leader said the government, represented by "no more than 40 per cent of the people" has ignored house committees, particularly in the forestry and Pacific Great Eastern Railways issues.

Mr. Webster said the labor committee had not sat since 1953, and added that the "wise provincial government sees and works together with federal and local governments."

In his speech, Mr. Harding said the forthcoming by-election involved government policies rather than "just a member for Lillooet."

The main issue, he said, centres around the question of free enterprise or state forests.

Mr. Thomas termed the present government's claim of debt reduction "the biggest fairy story of modern days."

## Phone Number Unchanged—Still 2-9261

The B.C. Electric's telephone number will remain 2-9261 when the company takes up location Thursday in the new office building on Pandora at Blanshard.

In order that it could be included in the current directory, that number went into effect earlier this year in preparation for the change.

More automatic in nature than the former "board" at Langley Street, the switchboard as has been the case since June 1, will give public service from 8 a.m. until 11 p.m. every day of the year. Emergency calls between 11 p.m. and 8 a.m. will be routed to operational centres in order that there be round-the-clock service.

## CROSSWORDS AT SCHOOL LATEST PLAN

LUCCA, Italy (Reuters)—Crossword puzzle enthusiasts here forwarded a resolution Monday to Italian Education Minister Paolo Rossi asking that: crosswords be made a school subject.

Dr. Michele Quintadamo, 2 crossword wizard from Naples, made the suggestion. He said crosswords "are a valuable form of intuition and gymnastics for the intelligence." The art of crosswords calls for good all-around knowledge. The crosswordists' convention supported his resolution.

## PAST ERA

Railroads and propeller boats combined to eliminate most paddle steamers, pioneers in North American transportation.

executive suite furnishings  
by  
wilhelmine melicke

**lester house ltd.**

1000 JAMES STREET, VANCOUVER, B.C.

## Our Congratulations

To the B.C. Electric Co. Ltd. on the completion of the impressive new building which is not only a great forward step in the progress of their firm, but a striking addition to our city's development!

We Are Proud to Have Participated in the Completion of this Building by Installing the

- COMPLETE PLUMBING SYSTEM
- HOT-WATER HEATING SYSTEM
- RAY HEAVY FUEL OIL BURNER
- GROUNDS SPRINKLER SYSTEM
- FIRE PROTECTION EQUIPMENT
- YOUNGSTOWN Steel KITCHENS

THIS GREAT MODERN BUILDING FEATURE<sup>c</sup> THE LARGEST SINGLE PLUMBING AND HEATING INSTALLATION IN VICTORIA

PROVIDED BY

**W. R. MENZIES & CO. LTD.**

Since 1909

911 FORT STREET

PHONE 3-1112

Plumbing, Heating and Appliance Centre

## CONGRATULATIONS to the B. C. ELECTRIC CO. LTD.

We wish you every success in your new headquarters!

Our congratulations also to:

SHARP & THOMPSON, BERWICK,  
PRATT & CHARLES E. CRAIG, Architects

AND

COMMONWEALTH CONSTRUCTION CO. LTD.  
on the completion of this magnificent new office building

We are proud to have been chosen for the painting and decorating of this outstanding new Victoria landmark.

**ISLAND DECORATORS**

1123 VANCOUVER ST.

Phone 3-9059

Evenings 2-1479

## THE B.C. ELECTRIC CALLED FOR THE BEST

We supplied the highest quality in lumber and building supplies. Our congratulations on completion of Victoria's finest new building.



Turn West at the Roundabout,  
Two Block Down Hillside,  
2614 BRIDGE STREET PHONE 3-7106



**Policemen Freed In Fatal Beating**  
NYERI, Kenya (Reuters) — A year-old Briton, and 23-year-old young police inspectors accused Patrick Waters pleaded guilty of beating a native theft sus- to a lesser charge of causing peat to death with a rhinoceros grievous bodily harm to the hide whip were dismissed in African, named Kamu, after a court today. doctor testified that death from Anthony Peter Fuller, 22—natural causes was possible.

**Congratulations**  
to the  
**B.C. ELECTRIC COMPANY, LIMITED**  
ARCHITECTS  
MESSRS. SHARP & THOMPSON, BERWICK, PRATT  
and  
CONTRACTORS  
COMMONWEALTH CONSTRUCTION CO. LTD.  
on the opening of the  
**New B.C. Electric Office Building**  
in Victoria  
All Finishing Hardware  
Supplied by  
**GORDON & BELYEA, LIMITED**  
101 POWELL STREET  
VANCOUVER, B.C.  
"MODERN HARDWARE FOR MODERN BUILDINGS"

# Midnight Move Big Operation

**BCE Switch to New Pandora HQ  
Will Be Completed in 17 Hours**

Long after midnight tonight moving vans will be rolling through Victoria's downtown section in an attempt to move the B.C. Electric offices quietly and painlessly to their new home.

Staffers who say goodnight at the Langley Street, Douglas or Rock Bay offices will say good morning in the spanking new building on Pandora.

The schedule calls for service being given at the old addresses until 5 p.m. Wednesday, and at the new location on Pandora at 8.30 a.m. Thursday, in order to minimize any inconvenience to the public.

Files, records and supplies, in terms of their usefulness, have been packed for several days, and some delivered. Those used every day will be boxed minutes before the movers arrive.

The biggest chore in the quick changeover is the transfer of bulky electronic business machines from Langley Street to the specially-planned machine room at 820 Pandora Avenue. Technicians and company staff will accompany them and, if need be, work through the night in order that schedules be maintained.

Said a company official of the move:

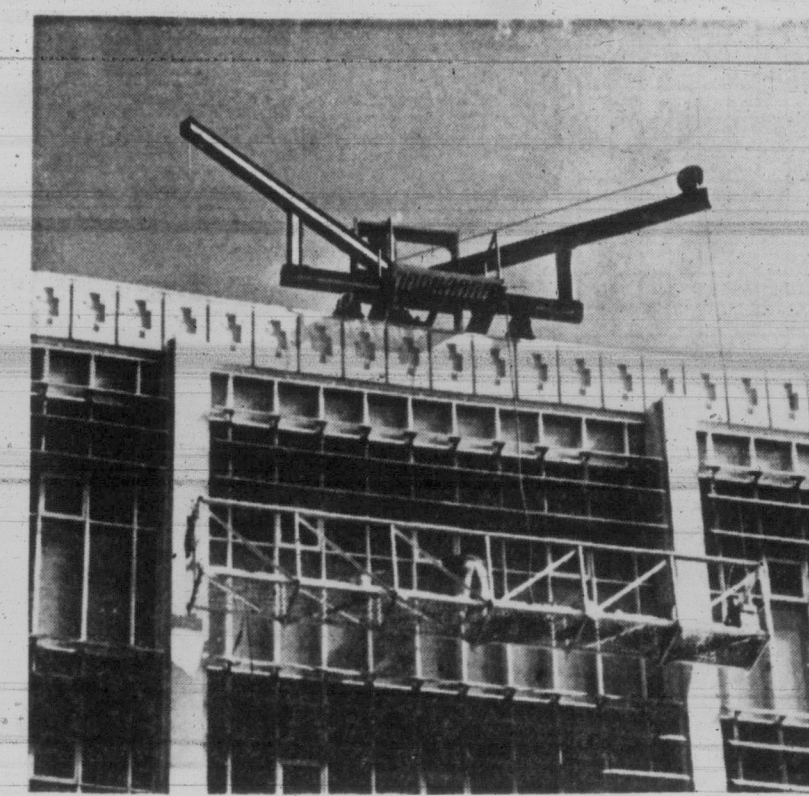


**HIG JOB** of supervising construction of new BC Electric building was task of Joseph Chadderton, superintendent of work for Commonwealth Construction Co. His job was handling work schedules and direction of employees.

**SOME DISASTROUS**  
There have been 261 North Atlantic hurricanes in the last 68 years.

**Congratulations . . .**  
**. . . B.C. Electric Co. Ltd.**

**Roofing and Sheet Metal**  
for the Modern, New  
**B.C.E. Office Building**  
by  
**PACIFIC SHEET METAL WORKS LTD.**  
1009 YATES ST. PHONE 2-3169



**THE 24,000 SQUARE FEET OF GLASS** in the new B.C. Electric building are due for a shock. They are washed electrically. A "lift" moves window washer up and down from control point on roof, giving speed and efficiency. Innovation is one of many in new building.

## Hospitals Will Ask Government To Approve Future Wage Boosts

**WENT OVER NIAGARA**

### Would-Be Suicide Dies After 5 Hours on Ledge

NIAGARA FALLS, N.Y. (AP)—Robert H. Persons, 58, leaped into the Niagara River and was swept over the American falls as dozens of tourists watched. Five hours later he was spotted crawling on a ledge 35 feet blow the falls. He was rescued, but died later in a hospital.

Police said Persons jumped a guard rail just above Prospect Point as tourists, too far away to stop him, watched in horror.

### 7 Die in 30 Minutes At Greek Fiesta Feud

ATHENS (AP)—Seven persons died in a 30-minute chain of murders at a village fiesta at the foot of Mount Ida at mid-night here.

A police report said the killings began when Emmanuel Viasakakis, 35, plunged a cutlass between the shoulder blades of John Frangiadakis, a game-keeper who had caught him poaching some days ago.

Frangiadakis fell dead. Viasakakis escaped.

Minutes later a cousin of the gamekeeper shot dead a cousin of Viasakakis.

Almost at the same moment,

### Flees Jail To 'Get' Reporter

PORT ARTHUR (CP)—An escaped prisoner from the Ontario industrial farm near here, who served a few days of a 12-month sentence, has threatened to "get" police court reporter Barry Wood of the Port Arthur News-Chronicle.

Robert A. Munier of Moncton, N.B., sentenced to the term on several charges of forgery and carrying a concealed weapon, telephoned the reporter after his escape and warned him to "take care."

Munier was sentenced last week and escaped Monday afternoon. When he was sentenced in court, Munier leaped to his feet and blasted the press for "poor coverage." All provincial police detachments in this district have been alerted.

The 30-year-old escapee, considered by eastern police to be a dangerous gunman, is believed hiding out in the bush at the foot of Mount Mackay.

### Noted Publisher, E. Lansing Ray, Dies at St. Louis

ST. LOUIS (AP)—E. Lansing Ray, editor and publisher of the St. Louis Globe Democrat for 52 years, died unexpectedly at his summer home in Rye Beach, N.H., late Tuesday, his 71st birthday.

### Woman Pleads Guilty to Theft

Sentence will be imposed Thursday on a 53-year-old widow who pleaded guilty in city police court Tuesday to theft of a purse under \$50 value from Hudson's Bay Company last Thursday.

She is Kate M. Clifford, a housekeeper for John MacDonald, Pembroke Street.

Store detective Harry Mills said he left a purse on a counter last Thursday. The accused picked it up and went into a washroom.

The store detective said the woman admitted taking \$10 from the purse, and dumping the purse in a disposal tin.

**BIG PRODUCER**  
Alberta produces about 240,000 barrels of oil a day from more than 4,000 wells.

### Poison Milk Kills 50

TOKYO (Reuters)—Police today arrested on a charge of accidental murder the manager of a factory whose powdered milk is alleged to have caused the death by poisoning of 50 Japanese babies. Another 5,000 babies are reported ill after being fed on the milk.

**Withdrawal Date Set**  
LONDON (AP)—The war office announced tonight that all British operational troops will leave Austria by Sept. 19 and that all British soldiers will have left Vienna by Oct. 1.

**Congratulations**  
To The  
**B.C. ELECTRIC Co. Ltd.**

We extend a wish for many years of successful business operation to the B.C. Electric Company Ltd., as they continue to serve this area from their spacious new office building.

We are proud and happy to have been selected for the construction of this extremely modern building, which we feel certain will add greatly to the beauty of our city.

**COMMONWEALTH CONSTRUCTION Co. Ltd.**  
General Contractors  
**616 Hillside Ave.**  
PHONE 4-9359

**Congratulations and Welcome**  
To the B.C. Electric's Executives and Employees

**Just 4 minutes' walk from the B.C. Electric to the BAY!**

Your fine new building is a distinct asset to this growing end of the downtown area. We hope you'll enjoy working and associating with the Hudson's Bay Company people in your new neighborhood, and that you'll drop in to see us often. It's only a short four-minute walk . . . and all our many services and facilities are at your command.

**To the Public . . .**  
It's so convenient to visit and shop in the BAY, when you visit the new B.C. Electric Building—only 4 minutes walk and you can do all your shopping under one roof. You may also pay your electric bills in the BAY'S Accounts office, 4th floor.

**To the Motoring Shopper . . .**  
The B.C. Electric's new drive-in bill paying booth is a decided advantage to drivers. Just stop to pay your bill, then park in one of the BAY'S big parking lots and enjoy our complete shopping facilities in light airy surroundings. It's the convenient way that wise shoppers use to make a trip downtown a REAL pleasure.

**In Victoria, it's the BAY for one-stop shopping for the whole family**









## Vic College Night School Has 20 Courses

Weather Forecasting by Mackie  
—To Music for 2-Year-Olds

By DAVE STOCK

More than 20 courses—ranging in scope from weather forecasting to the business of developing musical appreciation in two-year-olds—will be offered by Victoria College evening division during the coming term.

List of subjects available for those wishing to devote one or more nights a week to increasing their knowledge was announced today by Professor Robert T. D. Wallace, director of the Evening Division.

Altogether 21 courses are scheduled. Of these, seven are on subjects of general interest, five offer regular college credits, five are for persons specializing in business and accountancy, and four for teachers and preschool supervisors.

### TO INTRODUCE MACKIE

The course on weather forecasting, offered for the first time this year, will have Victoria's well-known meteorologist William Mackie as instructor. Planned as an informal and interesting series of lectures, this course has been entitled "Meet the Weatherman." It will begin Sept. 27 and the class will meet Tuesday evenings for 12 weeks.

For those interested in the history of their province, Archie F. Flucke of the Provincial Archives, will conduct a 10-week course titled "From Capt. Cook to Kitting." Those interested in the outdoors may register for a 12-week lecture series by Charles J. Guiguet of the Provincial Museum, whose subject will be "Wildlife of B.C."

### GERMAN MUSIC

Two instructors, Gordon L. Tracy, professor of German at Victoria College, and Frederick Krieger, former teacher of music in Vienna, will conduct a 10-week course on "German Music" while Norman Barton of UBC will undertake a eight-session course on "History of Motion Pictures." Those attending this class will meet monthly.

For those setting up new homes, Arthur C. Corry, interior designer, will deliver a 10-week series of lectures on "Furnishing and Decorating," while George H. Green will again offer his course in rapid reading. This course has been given with outstanding success on two previous occasions.

Three courses carrying first-year credit will be offered: English 100-101 (literature and composition); mathematics 101 (algebra, geometry and trigonometry); and psychology 100. Courses offering secondary college credits are English 200 and mathematics 202.

### AID FOR TEACHERS

Teachers needing certification credits may register for "Modern Theatre Techniques" or "Drawing and Painting, I." In addition there will be two courses designed for pre-primary instructors and parents of young children.



RITA HAYWORTH

DICK HAYMES

## Dick Croons as Rita Remains in Hideaway

Haymes Refuses to Give Reason For Break-Up With Movie Queen

By ALINE MOSBY

HOLLYWOOD (UP)—Dick Haymes went back to work singing Tuesday night with the declaration: "I still love Rita. . . I know she loves me. . . And I can't wait for her to come home."

The boyish-faced crooner, appearing nervous and pale, decided at the last minute to return to work at the Coconut Grove despite the emotional strain of his breakup from movie queen Rita Hayworth.

During the show, he repeated his usual custom of dedicating a song, "Come Rain or Come Shine," to "My wife, Rita."

After the show, Haymes told reporters in his hotel suite that he knows where Rita is hiding from him but he prefers to wait until she feels well enough to discuss their marital rift. "I have not tried to contact her," Haymes said. "She requested privacy to be able to think things over and I wouldn't intrude."

Haymes refused to tell why the couple broke up, fluffing off newsmen with his usual statement, "It's any two married people—you have an argument. . . nothing more serious."

However, in Rita's past marriages, she has walked out after the first big fight and never has gone back.

On the desk in Haymes' room was a telegram apparently from his third wife, Nora Edgington Flynn. It read: "I am truly sorry. I was hoping your life was now on smooth ground. May it be so soon again, Nora."

Haymes received a long ovation when he walked out on the night club floor. He gasped, "wow!" and then sang "Love Me or Leave Me" while the crowd whispered.

After the show he told the packed supper club: "You've made my whole life worth while by coming in here. . . God bless you."

### Talks Start in London On Surplus U.S. Food

LONDON (AP)—U.S. Agriculture Secretary Ezra Taft Benson arrived here Tuesday for talks with British ministers on the marketing and disposal of surplus food. Benson, accompanied by his wife, flew into Glasgow Monday to begin a 17-day swing through Britain, the Netherlands, Denmark, France, Italy and Switzerland.

The network of German super-highways (Autobahn) is to be expanded by 1,410 miles in a 20-year program.

### USED CARS? WILSON MOTORS!

Yates at Quadra

### STARTS TONIGHT 'Blackboard Jungle'

Starring GLENN FORD ANNE FRANCIS

CARTOON SELECTED SHORT SUBJECTS

Air Conditioned

Box Office Opens 6:30 Two Complete Showings: 6:30 and 9 p.m.

Where Sound Beats Better! FOX HILLSIDE AND QUADRA

Now Showing "THE JUGGLER" AN EXCELLENT DRAMA FILMED IN ISRAEL

Featuring KIRK DOUGLAS - MILLY VITALE Selected Short Subjects Including FEATURING IN COLOR "AMERICA FOR ME"

Complete Program 6:45 - 8:47 Feature Starts 7:35 - 9:51

"AN INSPECTOR CALLS" STARTS TOMORROW

OAK BAY

Tillicum OUTDOOR

HUMPHREY BOGART - FRID MACMURRAY "THE CAINE MUTINY"

DEAN - TECHNICOLOR HOWARD ST. JOHN - AMANDA BLAKE "Counterspy Meets Scotland Yard"

Two FREE Admissions Tonight (Subject to Assessment Tax) If Your Car Licence Ends In 31 Play Bingo in Your Car Every Tuesday and Thursday Nights at 7:30

## Railway Cook Committed on Murder Charge

Victim Refused To Doff Cap; Slain

QUEENSLAND, B.C. (CP)—A PGE railway cook accused of stabbing a fellow worker to death when he refused to take off his cap in the canteen, was committed for trial on a charge of murder at the end of a preliminary hearing here Tuesday.

Steve Danchuk, the cook, is charged with the slaying of Albert George Firth, 43, on Sunday, Aug. 21.

Magistrate C. G. Harcourt committed him for trial in a higher court after six men from the railway camp described the fatal fight.

The witnesses said Firth entered the canteen shortly before 1 p.m. Danchuk told him to remove his cap. Firth refused.

After a brief exchange of words, the witnesses said, the cook broke a plate over Firth's head and grabbed a nine-inch butcher knife during the ensuing struggle.

### THRICE THREE RINGS

HALEAH, Fla. (NEA)—The veteran, Three Rings, rang the bell three times in Haleah's Royal Palm Hardicap in 1949: 50:51.

### NOW SHOWING REVENGE!

and wicked days of Early California! The Fight For Their Lives

CORNEL WILDE YVONNE DECARLO

PASSION TECHNICOLOR

Plus—The Sinister Story of Sister Against Sister

"THIS IS MY LOVE" Dan Duray - Linda Darnell

A FAMOUS HAIKES THEATRE

Atlas

### NOW SHOWING AT 1.27 - 3.26 - 5.25 - 7.24 - 9.27

THE DAM BUSTERS

TODD REDGRAVE

CAPITOL

HEY KIDS! LOOK... NEW

No. 781 ESSO GAS STATION

Have fun! Fill up your Dinky Cars and Trucks at this realistic gas station. Get it from your dealer.

IT'S FUN TO COLLECT DINKY TOYS

MAIL COUPON FOR FREE BOOKLET SHOWING 140 DINKY MODELS IN FULL COLOUR

Meccano Ltd., Dept. Z-14, 675 King St. W., Toronto, Canada.

NAME \_\_\_\_\_ ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ PROV \_\_\_\_\_

Barber & Holdcroft Limited 1623 Douglas Street Phone 4-6511

Stelck's Hardware Stores 2660 Quadra St. 2-5231 and 1237 Esquimalt Rd. 3-1722

THE VICTORIA DAILY TIMES Presents... WARNER-PATHE NEWS

FLASH FLOODS RIP NORTHEAST UNITED STATES CHANNEL CONQUEROR MARILYN BELL ARRIVES HOME ANNAPOLIS ROYAL, THE OLDEST CITY IN CANADA, CELEBRATES ITS 200th BIRTHDAY IN ROYAL STYLE

WES SATTLE PUTS ON A RAZING BURN OF SPEED TO DEFEAT TWO FELLOW COUNTRYMEN IN AN INTERNATIONAL RACE

CHICAGO—SENSATIONAL SWAPS WINS RICH AMERICAN DERBY

DEAN MARTIN JERRY LEWIS

YOU'RE NEVER TOO YOUNG

COLOR BY TECHNICOLOR

Doors 1 p.m., Feature 1.17, 3.17, 5.17, 7.17, 9.23

ROYAL NOW SHOWING

Victoria Daily Times 27 WEDNESDAY, AUG. 31, 1953

## CZECH FILM BANNED FROM FESTIVAL

VENICE (Reuters)—Italian film festival authorities have banned showing of a Czechoslovakian entry, "John Huss." It is believed the committee objected to the treatment of religion in the picture about the forerunner of the Reformation, who was burned at the stake for his Protestantism.

### HURRY! GOING SOON!

What a MAN!

REX HARRISON

The Constant Husband Margaret LEIGHTON Kay KENDALL

GEORGE COLE CECIL PARKER

IN Colour! TECHNICOLOR!

At 1.04, 3.11, 5.16, 7.23, 9.30

Dominion

NOW! VISTAVISION

DEAN MARTIN JERRY LEWIS

YOU'RE NEVER TOO YOUNG

Extra! Cartoon and Time Warner News

Doors 1 p.m., Feature 1.17, 3.17, 5.17, 7.17, 9.23

Adults 1-2 50c, 3-5 60c, 5 on 80c Students 50c, Children 25c, All Day

Royal

Now Showing at 1.27 - 3.26 - 5.25 - 7.24 - 9.27

THE DAM BUSTERS

TODD REDGRAVE

CAPITOL

HEY KIDS! LOOK... NEW

No. 781 ESSO GAS STATION

Have fun! Fill up your Dinky Cars and Trucks at this realistic gas station. Get it from your dealer.

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ROYAL NOW SHOWING

NEVER TOO YOUNG—One of the most spectacular musical sequences in movie history is this song and dance scene from "You're Never Too Young." Dean Martin and Jerry Lewis, newest and best, now at the Royal Theatre. The episode from the riotous VistaVision, Technicolor-sensation features Dean and Jerry and 108 gorgeous teen-age girls. Diana Lynn and Nina Foch co-star.

### 'NOTORIOUS' SAY LAWYERS

## Federal Exemption Of Garnishee Scored

OTTAWA (CP)—A report to oral civil servants from wage the Canadian Bar Association's garnishee as "notorious."

The British Columbia members of the association's civil justice section are promoting a motion to make government employees "subject to the same liability to attachment in each province as the salaries and wages of persons employed by private persons."

The motion is contained in a report by P. R. Brissenden of Vancouver, chairman of the British Columbia civil justice group, to the national civil justice section. It will be discussed at section meetings today and Thursday and, if adopted, presented for adoption at a general meeting Saturday, as a formal resolution of the bar association.

"It is notorious that it is impossible to garnishee the wages or salaries of government of Canada employees," the report said.

Don't Miss "TIM HOVEY" MOST SENSATIONAL CHILD STAR SINCE JACKIE COOGAN ENDS TODAY

CHARLTON HESTON JULIE ADAMS

THE PRIVATE WAR

MAJOR BENSON

Technicolor

WILLIAM REMARKS—THE CAPTAIN AND TIM HOVEY

ODEON

ACADEMY AWARD WINNER

EDMOND O'BRIEN Best Supporting Actor

BOGART GARDNER

THE BAREFOOT CONTESSA

Added Thrills! At 3.38, 7.18

"TERROR SHIP"

PLAZA

MADE BY THE MAKERS OF JELL-O DESSERTS

A 25-acre Fairland

Visit The Butchart Gardens

Lighted daily from dusk

FLAVOR BRIGADE

RED ROSE COFFEE

RED ROSE TEA

For real refreshment — everyone knows — For good tea and coffee look for RED ROSE.

RED ROSE

TEA AND COFFEE

THURSDAY SPECIAL

"Buy a WOOD Used Car—Get the Best"

\$395

1948 HILLMAN SEDAN Attractive Two-Tone Come and See Me

at Wood Motors







# T. With Lee

## EZZARD CHARLES FIGHTS HURRICANE JACKSON ON C-5 AT 7

**CLIP-OUT**—For your information here is the WIFU football schedule to be shown over CBTU starting Sunday, Sept. 4. In all instances game time is 2 p.m. local time. The date in brackets is the date the game was actually played.

Sept. 4, Vancouver at Edmonton (Aug. 27); Sept. 11, Vancouver at Winnipeg (Sept. 3); Sept. 18, Regina at Vancouver (Sept. 12); Sept. 25, Vancouver at Calgary (Sept. 19); Oct. 2, Winnipeg at Regina (Sept. 21); Oct. 9, Vancouver at Calgary (Oct. 3); Oct. 16, Toronto at Hamilton (Oct. 8); Oct. 23, Edmonton at Regina (Oct. 15); Oct. 30, Vancouver at Winnipeg (Oct. 24); Nov. 6, Regina at Winnipeg (Oct. 29).

### CANADIAN "CABLE" PROGRESSES

It read, in part: "Microwave radio relay towers, landmarks with a significance comparable to Canada's first transcontinental telegraph and telephone lines, are becoming familiar to more and more Canadians as their construction progresses."

"The towers form part of a system that will link Canada from Sydney, N.S., to Vancouver by 1958. The project is an undertaking by the trans-Canada telephone companies. When completed the microwave system will be the longest in the world. . . . It will be capable of carrying television programs or telephone calls from and to centres on the Canadian mainland. . . ."

The present range (covering the central provinces of Ontario and Quebec) is the forerunner of a relay network which will boast 137 stations along the main 3,800-mile route from Sydney, to Vancouver. Spurs to Halifax, Montreal, Saskatoon, Edmonton and Lethbridge will add an additional 477 miles and require 18 radio relay stations.

Relay stations now being erected along the 1,200-mile Toronto-North Bay-Winnipeg section. This portion is expected to go into service in the autumn of 1956.

The new microwave stations are reported to have a new type of antenna with a capacity of almost 20,000 telephone circuits or 20 television channels. These like giant sugar scoops pointing skyward, are symbolic of a new communications era in Canada.

### Kiddies' Korner

5.00 Puppets Are Fun, Channel 2; Pinky Lee 4; Barker Bill's cartoons, 11; western movie, 12; mystery theatre, 13.

5.15 A Walk with Kirk, Channel 2; Cartoon Carnival, 11.

5.30 Howdy Doody, Channels 4 and 2; Stan Borson, 5; western movie, 11; Around the Town with Carolyn, 13.

6.00 Gardner's Garage, Channel 4; Sheriff Tex, 5; Rararar of the Jungle, 12.

6.30 Cartoon Time, Channel 12.

6.45 Krazy Kat, Channel 11.

8.00 Lone Ranger, Channel 5.

7.00 Channel 5: Ex-world champion Ezard Charles meets Tommy (Hurricane) Jackson in a 10 rounder in Cleveland.

8.00 Channel 2: Obek's Summer Show covers the junior tennis championships, Channel 13: Baseball, Seattle plays Portland.

11.00 Channel 2: Jack Short's racing highlights from Vancouver.

11.30 Channel 4: 49er highlights.

12.10 Channel 11: Baseball final.

ALL TIMES ARE LOCAL

**TONIGHT'S PROGRAMS**

**CBT Vancouver Channel 2**

6.00 Concert Interlude  
6.15 Interview  
6.30 News  
7.00 American  
7.15 Interview  
7.30 News  
8.00 News  
8.15 Interview  
8.30 News  
8.45 Interview  
9.00 News  
9.15 Interview  
9.30 News  
9.45 Interview  
10.00 News  
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11.00 News  
11.15 Interview  
11.30 News  
11.45 Interview  
12.00 News  
12.15 Interview  
12.30 News  
12.45 Interview

**KOMO-TV Seattle Channel 4**

6.00 News  
6.15 Interview  
6.30 News  
6.45 Interview  
7.00 News  
7.15 Interview  
7.30 News  
7.45 Interview  
8.00 News  
8.15 Interview  
8.30 News  
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11.00 News  
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11.30 News  
11.45 Interview  
12.00 News  
12.15 Interview  
12.30 News  
12.45 Interview

**KING Seattle Channel 5**

6.00 News  
6.15 Interview  
6.30 News  
6.45 Interview  
7.00 News  
7.15 Interview  
7.30 News  
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8.00 News  
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12.00 News  
12.15 Interview  
12.30 News  
12.45 Interview

**KTNV-TV Tacoma Channel 11**

6.00 News  
6.15 Interview  
6.30 News  
6.45 Interview  
7.00 News  
7.15 Interview  
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7.45 Interview  
8.00 News  
8.15 Interview  
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12.30 News  
12.45 Interview

**KVOS-TV Bellingham Channel 12**

6.00 News  
6.15 Interview  
6.30 News  
6.45 Interview  
7.00 News  
7.15 Interview  
7.30 News  
7.45 Interview  
8.00 News  
8.15 Interview  
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11.00 News  
11.15 Interview  
11.30 News  
11.45 Interview  
12.00 News  
12.15 Interview  
12.30 News  
12.45 Interview

**KTVW-TV Tacoma Channel 13**

6.00 News  
6.15 Interview  
6.30 News  
6.45 Interview  
7.00 News  
7.15 Interview  
7.30 News  
7.45 Interview  
8.00 News  
8.15 Interview  
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12.00 News  
12.15 Interview  
12.30 News  
12.45 Interview

**Early Thursday Programs**

**28D FURNITURE**

**28D FURNITURE**

**28D FURNITURE**

### Headliners

**7.00**  
Channel 11: The U.S. Steel Hour drama stars Boris Karloff and Edna Best in "Counterfeit." This is the tale about a "quite" Englishman who leads a double life and takes a shady view of his daughter's claim that he leads an abnormally dull life.

**7.30**  
Channel 2: Cabbages and Kings deals with education. The Forgotten Humanities. Chairman is Arthur L. Phelps, who will discuss the subject with three panelists.

**7.30**  
Channel 13: On Hollywood Offbeat detective Steve Randall (Melvyn Douglas) is startled by a corpse in an auto.

**8.00**  
Channel 4: Kodak, Record Performance presents Ricardo Montalban in "Cardboard Casanova." It's about a movie star who is mobbed by his female fans.

**8.30**  
Channel 5: The Lone Ranger hunts an outlaw gang. Channel 11: Patti Page and trombonist Jack Teagarden appear on Frankie Laine's hour-long variety show.

**8.30**  
Channel 4: Robert Young returns in his starring vehicle, Father Knows Best. The episode is called "Art of Seamanship."

**8.30**  
Channel 5: Disneyland sees Walt Disney and Donald Duck getting together to tell the story behind some of their own cartoons.

**8.30**  
Channel 2: Lucy decides to do something about Ricky's new mustache on the 1 Love Lucy Show.

**9.00**  
Channel 4: Kraft Theatre presents Judith Evelyn in "The Failure," about the decision of a bank manager who has failed to win promotion.

**9.00**  
Channel 11: The Millionaire helps out an ex-military.

**9.30**  
Channel 2: On the Burns and Allan program George tries to wiggle out of going to a concert. But, as usual, he didn't count on the "brains" of Grade.

**9.30**  
Channel 12: Stories of the Century deals with the James Brothers.

**10.00**  
Channel 5: Eddie Canfor cavorts on a plank from dizzying heights.

**10.00**  
Channel 4: This Is Your Life sees Ralph Edwards hosting motion picture star Andy Devine.

**10.00**  
Channel 5: Pat Mall Playhouse stars John Ireland in "Reunion at Steeple's Hill." An outlaw returns to his home town and his ex-partner in crime.

**10.00**  
Channel 2: Big Town tells the story of a policeman who is up on the carpet for beating a boy.

**10.30**  
Channel 2: Bob Cummings again tries to get a date for his sister.

**10.30**  
Channel 4: Big Town and Editor Steve Wilson probe into the death of a veteran harness race driver.

**11.00**  
Channel 11: Sam Rinsker presents the latest news.

**11.00**  
Channel 5: The Vise drama is called "The Broken Link," wherein two business partners cheat a client while he is away.

**11.00**  
Channel 12: Family Theatre presents another Joe Palooka picture. This is called "The Big Fight!"

**11.00**  
Channel 13: Candelligh shows the western action film "Deputy Marshal."

**11.00**  
Channel 11: Duncan Renaldo stars in "In Old New Mexico."

**11.30**  
Channel 13: "A Wave, a Wave and a Marine."

**11.30**  
Channel 5: "The Law."

**12.00**  
Channel 4: Michael Wilding stars in "There Ain't No Justice."

**12.00**  
Channel 11: "The Law."

**12.00**  
Channel 5: "The Law."

**12.00**  
Channel 13: "The Law."

**12.00**  
Channel 11: "The Law."

**12.00**  
Channel 5: "The Law."

**12.00**  
Channel 13: "The Law."

**12.00**  
Channel 11: "The Law."

**12.00**  
Channel 5: "The Law."

**12.00**  
Channel 13: "The Law."

### MUSICAL INSTRUMENTS

**FREE MEANS ANALYSIS** FOR TV ANTENNA. LEFT UP ASCERTAIN FOR YOU WHETHER YOUR ANTENNA IS WORTH THE INVESTMENT. WITH NO OBLIGATION TO YOU. PHONE 4-3901, 2-1123.

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**UPRIGHT PIANO, GOOD CONDITION** and tone. Phone 4-3901, 2-1123.

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**28P FARM IMPLEMENTS**

**28Q FARM IMPLEMENTS**

**28R FARM IMPLEMENTS**

**28S FARM IMPLEMENTS**

**28T FARM IMPLEMENTS**

**28U FARM IMPLEMENTS**

**28V FARM IMPLEMENTS**

**28W FARM IMPLEMENTS**

**28X FARM IMPLEMENTS**

**28Y FARM IMPLEMENTS**

**28Z FARM IMPLEMENTS**

**28A FARM IMPLEMENTS**

**28B FARM IMPLEMENTS**

**28C FARM IMPLEMENTS**

**28D FARM IMPLEMENTS**

**28E FARM IMPLEMENTS**

**28F FARM IMPLEMENTS**

**28G FARM IMPLEMENTS**

**28H FARM IMPLEMENTS**

**28I FARM IMPLEMENTS**

### STOVES and FURNACES

**VICTORIA FURNITURE LTD.** 621 Pender St. Phone 4-3901, 2-1123.

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**FURNACES INSTALLED and REPAIRED** by F. J. FINE. Phone 4-3901, 2-1123.

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**WOOD and COAL COMBINATION** for sale. Phone 4-3901, 2-1123.

**28M MACHINERY**

**28N GARDENS and SUPPLIES**

**28P FARM IMPLEMENTS**

**28Q FARM IMPLEMENTS**

**28R FARM IMPLEMENTS**

**28S FARM IMPLEMENTS**

**28T FARM IMPLEMENTS**

**28U FARM IMPLEMENTS**

**28V FARM IMPLEMENTS**

**28W FARM IMPLEMENTS**

**28X FARM IMPLEMENTS**

**28Y FARM IMPLEMENTS**

**28Z FARM IMPLEMENTS**

**28A FARM IMPLEMENTS**

**28B FARM IMPLEMENTS**

**28C FARM IMPLEMENTS**

**28D FARM IMPLEMENTS**

**28E FARM IMPLEMENTS**

**28F FARM IMPLEMENTS**

**28G FARM IMPLEMENTS**

**28H FARM IMPLEMENTS**

**28I FARM IMPLEMENTS**

**28J FARM IMPLEMENTS**

**28K FARM IMPLEMENTS**

**28L FARM IMPLEMENTS**











57 HOUSES FOR SALE

**Town & Country Homes Ltd.**  
1522 QUADRA PHONE 2-2716

ONE ACRE PLUS

POUR-ROOM bungalow on cement foundation. Seven years old. One acre. Attached garage. Fully landscaped. \$16,850. Ken Skirrow, 2-2716 or 3-1011

HIGH QUADRA

\$2500 DOWN FULL PRICE, \$10,600. Working new spacious stucco bungalow. Oil-O-Matic forced air heating and drive-in garage. Large living room with fireplace. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$10,600. Ken Skirrow, 2-2716 or 3-1011

A REAL BARGAIN

OAK BAY SECLUSION. South of the Avenue. Six-room bungalow. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$10,000. Ken Skirrow, 2-2716 or 3-1011

EASTDOWN WAY

Six-room bungalow. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$10,000. Ken Skirrow, 2-2716 or 3-1011

\$7500 Brand New \$7500

JAMES BAY. Walk to the waterfront from this lovely four-room bungalow. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$7500. Ken Skirrow, 2-2716 or 3-1011

\$1000 DOWN \$1000

FOUR BEDROOMS. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$1000. Ken Skirrow, 2-2716 or 3-1011

B.C. LAND

Investment Agency Ltd. 408 1/2 YEAR IN REAL ESTATE. Member Multiple Listing Bureau. \$13,500. Ken Skirrow, 2-2716 or 3-1011

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An attractive bungalow situated on a beautiful lot. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$4200. Ken Skirrow, 2-2716 or 3-1011

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Older home in good condition. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$5750. Ken Skirrow, 2-2716 or 3-1011

NEAR 5 POINTS

6 ON 1 FLOOR. APARTMENT ZONED. Incomplete family home or conversion. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$12,600. Ken Skirrow, 2-2716 or 3-1011

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Established 1883. 400 BROADVIEW ST. 3-1181. \$1600 - DOWN - \$1600. 3 BEDROOMS. Here is the family home you have been looking for. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$1600. Ken Skirrow, 2-2716 or 3-1011

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A Victoria show place. Gracious and lovely inside and out. Located in the Ten Mile Bend area. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$20,000. Ken Skirrow, 2-2716 or 3-1011

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HIGH CEDAR HILL. This attractive home is situated on 1 1/2 acres with landscaping, lawn, fruit and small greenhouse. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$13,500. Ken Skirrow, 2-2716 or 3-1011

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N.H.A. — 5 YEARS. Here is your chance to get an N.H.A. fully insulated city bungalow. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$10,500. Ken Skirrow, 2-2716 or 3-1011

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RETIRE HERE. Three-room cottage. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$3800. Ken Skirrow, 2-2716 or 3-1011

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4 BEDROOMS. This is one of the most valuable properties in Gordon Head. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$17,500. Ken Skirrow, 2-2716 or 3-1011

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**Pemberton, Holmes**  
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CLOSE IN

\$3480 INCOME. One acre. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$17,500. Ken Skirrow, 2-2716 or 3-1011

NEW - VACANT - \$7500

JUBILEE AREA. A brand new four-room stucco bungalow. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$7500. Ken Skirrow, 2-2716 or 3-1011

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Spacious older home. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$8500. Ken Skirrow, 2-2716 or 3-1011

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ESTATE. BEAUTIFUL GARDEN, LOVELY HOME. On the main floor. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$13,500. Ken Skirrow, 2-2716 or 3-1011

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LOCATION. Large stucco bungalow. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$13,500. Ken Skirrow, 2-2716 or 3-1011

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Comfortable five-room bungalow. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$7850. Ken Skirrow, 2-2716 or 3-1011

CLOSE IN — CITY

Stucco home of 4 1/2 rooms on main floor. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$10,500. Ken Skirrow, 2-2716 or 3-1011

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LIMITED. 1710 DOUGLAS ST. 4-3109. \$13,500. Ken Skirrow, 2-2716 or 3-1011

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Stucco home of 4 1/2 rooms on main floor. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$10,500. Ken Skirrow, 2-2716 or 3-1011

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7,500 Square Feet. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$12,600. Ken Skirrow, 2-2716 or 3-1011

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OPPORTUNITY. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$8700. Ken Skirrow, 2-2716 or 3-1011

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3 BEDROOMS. \$1500 DOWN. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$6950. Ken Skirrow, 2-2716 or 3-1011

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\$1500 DOWN. 3 BEDROOMS. MODERN KITCHEN. FULL BATH. FULL LAUNDRY. FULL BASEMENT. FULL LANDSCAPING. \$6300. Ken Skirrow, 2-2716 or 3-1011

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One acre of secluded property. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$15,250. Ken Skirrow, 2-2716 or 3-1011

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RENT BEATERS!

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SAANICH

\$1750 DOWN. One-acre stucco bungalow. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$8950. Ken Skirrow, 2-2716 or 3-1011

GORGE

Comfortable five-room bungalow. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$7850. Ken Skirrow, 2-2716 or 3-1011

CLOSE IN — CITY

Stucco home of 4 1/2 rooms on main floor. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$10,500. Ken Skirrow, 2-2716 or 3-1011

GEORGE RANDALL

LIMITED. 1710 DOUGLAS ST. 4-3109. \$13,500. Ken Skirrow, 2-2716 or 3-1011

DICKIE & CO.

N.H.A. — 5 YEARS. Here is your chance to get an N.H.A. fully insulated city bungalow. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$10,500. Ken Skirrow, 2-2716 or 3-1011

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\$1000 DOWN. CENTRAL PARK. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$9500. Ken Skirrow, 2-2716 or 3-1011

REDUCED! — REDUCED!

RETIRE HERE. Three-room cottage. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$3800. Ken Skirrow, 2-2716 or 3-1011

DALBY & CO.

OAK BAY. Five-room stucco bungalow. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$10,500. Ken Skirrow, 2-2716 or 3-1011

GORDON HEAD

4 BEDROOMS. This is one of the most valuable properties in Gordon Head. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$17,500. Ken Skirrow, 2-2716 or 3-1011

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402 ST. CHARLES BRAND NEW. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$12,600. Ken Skirrow, 2-2716 or 3-1011

SCHOOL TEACHERS

A comfortable four-room cottage. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$7950. Ken Skirrow, 2-2716 or 3-1011

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BRAND NEW. \$1900 DOWN. BALANCE \$70 MONTH. FULLY FURNISHED. FULL KITCHEN. FULL BATH. FULL LAUNDRY. FULL BASEMENT. FULL LANDSCAPING. \$9500. Ken Skirrow, 2-2716 or 3-1011

EIGHT MILES OUT

A lot for your money in this compact cottage and adding bungalow. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$10,500. Ken Skirrow, 2-2716 or 3-1011

CHARM & SECLUSION

PAINTED. Near Oak Bay. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$10,300. Ken Skirrow, 2-2716 or 3-1011

SAANICH

High Location. Pretty Garden. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$8900. Ken Skirrow, 2-2716 or 3-1011

ILL HEALTH FORCES

SALE. Within the 5-Mile Circle. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$9975. Ken Skirrow, 2-2716 or 3-1011

SIDE-BY-SIDE DUPLEX

13 Years Old. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$10,750. Ken Skirrow, 2-2716 or 3-1011

MAPLEWOOD

TATTERSALL. EXCLUSIVE LISTING. OUTSTANDING. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$11,500. Ken Skirrow, 2-2716 or 3-1011

ARE YOU DYING?

For a larger home in a choice district. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$4775. Ken Skirrow, 2-2716 or 3-1011

OAK BAY NORTH

De Luxe. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$1750. Ken Skirrow, 2-2716 or 3-1011

HARRY FOSTER LTD.

1312 DOUGLAS STREET. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$1250 DOWN. Ken Skirrow, 2-2716 or 3-1011

\$1250 DOWN

Full Price \$2520. \$50 A MONTH. Located off the Gorge this small three-roomed white cedar sided bungalow has a certain attraction. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$1250. Ken Skirrow, 2-2716 or 3-1011

HIGH QUADRA

Well-planned modern one-roomed stucco bungalow. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$29,000. Ken Skirrow, 2-2716 or 3-1011

HICKS

REALTY LIMITED. 1212 DOUGLAS ST. 3-1774. \$1500 DOWN. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$1250. Ken Skirrow, 2-2716 or 3-1011

CLOSE IN

Low down payment. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$8500. Ken Skirrow, 2-2716 or 3-1011

SUNSHINE LIVING

HERE'S A BEAUTY. High on a hill — your cats and tennis will love it. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$7850. Ken Skirrow, 2-2716 or 3-1011

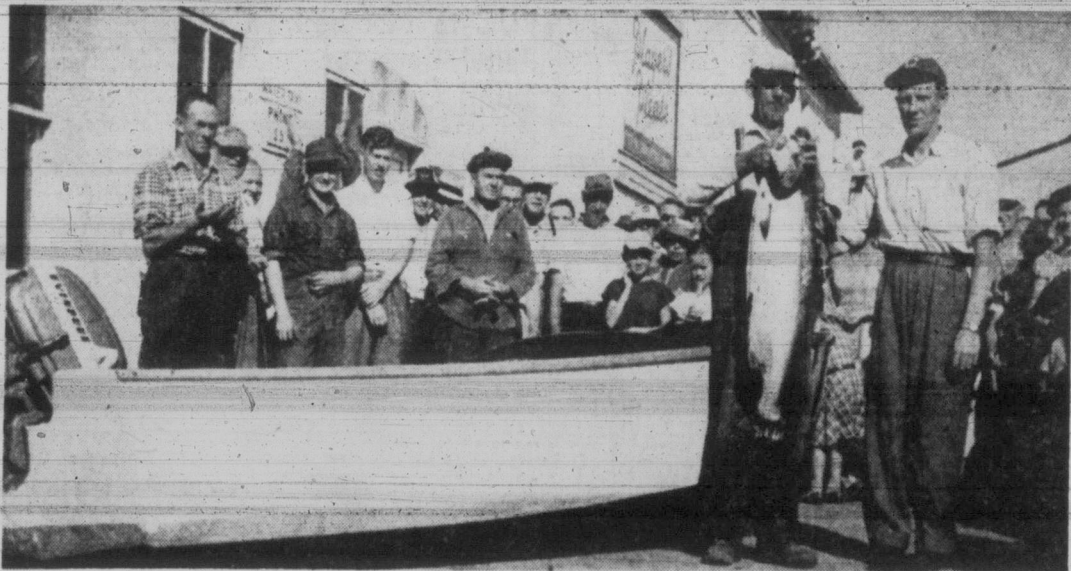
REAL BARGAIN

AT SIDNEY. Fully furnished. Full kitchen. Full bathroom. Full laundry. Full basement. Full landscaping. \$3000. Ken Skirrow, 2-2716 or 3-1011









CHAMPION ANGLER Steve Noseworthy, holding 28-pound salmon that won him outboard runabout offered as first prize in Chemainus salmon derby Sunday, caught winner on a "knobbly wobbler" steel-head lure. Outboard and other fishermen attending presentation are at left, president Al Dyer of Chemainus Rod and Gun Club is at right with winner. More than 500 participated in derby. (Photo for Times by Murray Poskitt.)

### Finnish Group Awards Medal To Pioneer

NANAIMO—Victor H. "Ollari" Hendrickson, former Nanaimo coal miner and Chase River resident for the past 25 years, has been honored with a bronze medal as "a useful Canadian citizen and honorable member of Finnish race."

The award was made on Mr. Hendrickson's 85th birthday by Victor J. Laaksonen, Ladysmith, on behalf of the Finnish-Canadian Historical Society. Four generations of his family attended the ceremony at his home.

Mr. Hendrickson came to Canada before he was 20 years of age, and for the past 65 years has been a resident of this district.

In addition to the bronze medal and certificate from the society, a pioneer medal accompanying the award was presented by Mrs. Lempi Lehto of Ladysmith.

### Ladysmith Hospital Grant Wins Approval

LADYSMITH (CP)—Word has been received by the Ladysmith hospital board from Health Minister Eric Martin that a grant for the proposed new hospital has been approved. Charles Roberts, told the hospital board revised plans bringing construction costs within the \$300,000 estimates would be ready for approval next month.

### EATON'S congratulates the B.C. ELECTRIC

on the opening of their new building—another sign of Victoria's steady growth and increasing importance.

Our Contract Sales department is proud to have played its part in the completion and furnishing of this building.

T. EATON CO. LIMITED

### Your boy's feet are growing in his shoes!

The internationally famous "RESEARCH" LAST let's them grow right

Here is a shoe that gives correct support for all the arches and plenty of room for the toes! Give your boy the benefits of the famous Brouwer "Research" Last, plus the sturdiness of a pair of Ritchies. Top shoe is a new-outline, flat-seam moccasin and the lower one is a wing-tip brogue... both as smart as Dad's shoes. In brown or black; all widths from 3 1/2 to 7.

RITCHIE SHOES FOR MEN AND BOYS

THE JOHN RITCHIE COMPANY LIMITED, QUEBEC, P.Q.

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Yates at Government FRED GROSSMITH

ARTHUR ASH MEN'S SHOES

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OLD COUNTRY BOOT STORE

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## ISLAND DIGEST

34 Victoria Daily Times WEDNESDAY, AUG. 31, 1955

### CANOE TO AIRCRAFT

### Indians Take Off In School Airlift

PORT ALBERNI—Indians who can recall stories of their parents traveling only by canoe and footpath now watch their children set off for school in high-speed aircraft.

Youngsters from the Skeena strike that still shows no sign of being settled in time for school opening Sept. 6.

The best alternative was to fly, and as a result from 67 to 70 pupils will be "airlifted" to the school.

Queen Charlotte Islanders students already have arrived.

Others will travel by Canadian Pacific Air Lines to Port Hardy, then transfer to a Pacific Western Airlines plane for Comox. Staff members from the school will meet them and drive them to Alberni.

### V.I. Ratepayers To Hear Opponent Of Bettle Scheme

NANAIMO — Roderick Haig Brown, Campbell River author, magistrate, conservationist and opponent of the scheme to dam Butte Lake for power purposes, will be guest speaker at a Sept. 10 meeting of the Vancouver Island Ratepayers' Association here.

The Bettle project is listed on the agenda as a subject for discussion at the meeting.

### Profit \$1,935

SOOKE—Profit of the annual All Sooke Day celebration July 28 was \$1,935, Sooke Community Association was told Tuesday night by the committee in charge of the celebration. The money will be used to improve the community hall.

### Pool Scheme Will Protect Park Fishing

NANAIMO — Anglers who protested the damming of Millstone River in Bowen Park to form a swimming pool have been assured that fishing will not be affected.

A biologist stated that the stream is "insignificant" from the standpoint of trout spawning, since it is heavily silted. A waterfall in the park forms a natural barrier between upper and lower levels.

However, a cheap fish ladder will be installed at the proposed dam to assist any possible movement of fish.

Work in the park, a wooded area beside Comox Road and within the city limits, is being carried on by the Bowen Park Development Association, a non-profit organization.

Most of the work of creating trails, picnic sites, and swimming spots has been done by volunteer labor.

### Portland Angler Heads for Title

CAMPBELL RIVER (CP)—W. R. Effer of Portland, Ore., is in line for the title of "Tye-man of the year" with his catch of a 64 1/2 pound salmon weighed in Tuesday at the Tye club.

Fastest time caught in the area this year was hooked by Dr. James Petray of Stockton, Calif. He landed a 71 1/2 pounder last week but used a non-regulation tackle.

### SIXTH LARGEST

Venezuela is the sixth largest country in South America and is about 1 1/2 times the size of Texas.

## Injuries Fatal To Logger, 34

### Pinned Between Truck and Log, Victim Succumbs in Ambulance

CAMPBELL RIVER—Michello Peteczuk, 34, of Steveston, died on the way to hospital Tuesday from injuries suffered after he was pinned between a truck and a log at the Booth Logging Co., Haydon Bay, Loughborough Inlet.

He was flown from the camp by B.C. Air Lines, but died in an ambulance.

His accident was one of four suffered by loggers and fishermen in this district this week. James Andrews, 27, of Vancouver, suffered severe burns on his chest, face and arms in an explosion on a boomboat at Port Neville Logging Co., 52 miles north of here.

He was flown to Lourdes Hospital by Dave Alder of B.C. Air Lines.

Later, while Alder was returning from a flight to Butte Inlet, he was flagged down at Stuart Island to pick up Robert Pendergast, 19, employee at Pendergast and Turner Logging Co. He had received shoulder injuries when he fell on a log.

A fisherman, Alan McPherson, 18, was admitted to hospital Tuesday for treatment of head injuries suffered when he was struck by a block aboard the seiner Z Bros.

## Little League Clubs Mark End of Season

LADYSMITH—Close to 100 members of Ladysmith Little League and Pony League baseball teams gathered with their families and friends in the Agricultural Hall here to wind up a successful season.

The program was comprised largely of presentations of trophies to winning teams and gifts to officers of the association, team managers, and officials. It closed with lunch provided by interested business firms and individuals.

Welcoming the parents and friends to the gathering, W. Hallinan, president of the Little League and Pony League Baseball Association, said that the standard of play in all teams had improved steadily during the season. Every boy who reported to the field got a chance to play and the "pay-off" had been the all-star team which had won the Island championship, he said.

### THANKS EXECUTIVE

Mr. Hallinan explained that each team had been sponsored by a local organization and that each organization had named a representative to the executive of the association. He reported that all persons associated with the leagues had worked in complete harmony at all times.

He expressed his personal thanks to the members of his executive, Arnie Hill, first vice president; Vic Dale-Johnson, second vice president; Beverly Formeaux, secretary, and Emmy Passman, treasurer, and to representatives George Simpson, Eagles; Bob Edwards, Lions; and Herb McKeen, Kinsmen; Al McDonald, Legion.

Team managers were: Legion, Al Johnson; Kinsmen, Ray Manning; Eagles, Bernard Churchill; Lions, Jack Patrick; Pony League, J. G. G. All Stars, Al Johnson and Ray Manning.

Others contributing to the success of the season were Jack Battie, umpire-in-chief; H. Steale, Andy Aitken, Ron Battie and W. Hallinan, umpires; Don Kerr, scorekeeper; O. Paria, assistant scorekeeper; Jack Ostle, Wilf Cain of Duncan, president of the association.



GLADIOLUS FANCIER Mrs. W. Dabb of Ladysmith won O'Halloran cup in competitions at Ladysmith, amassing 59 points in two one-day competitions. About 150 spikes were exhibited each day. (Photo by John MacNaughton.)

### Mrs. E. Bell Dead; 45 Years in Duncan

DUNCAN (CP)—Mrs. Elizabeth Lovely Bell, 92, resident of Duncan district for the last 45 years, died Tuesday in hospital. Born at South Shields, England, she moved to Duncan in 1910. She took an active part in church affairs and was a member of St. Andrew's Ladies' Guild and also took an active part in high school affairs.

### FAST RUNNERS

A greyhound dog's long tail helps balance the animal's body when it makes fast turns.

### Fisheries Office Building Quarters On West Coast

TOFINO — A combined office and home will be built here by the federal government for Gordon Barrie, fisheries officer in this district.

Buildings have cleared land ready for construction, which is expected to begin shortly.

The property, former site of the office of the village clerk, commands a view of adjacent waters for long distances.

# Queen Anne

## Rare Scotch Whisky

"SCOTLAND'S GIFT TO THE WORLD"

This advertisement is not published or displayed by the Liquor Control Board or by the Government of British Columbia.

# EATON'S

## THURSDAY and FRIDAY

### BACK-TO-SCHOOL OPPORTUNITY DAYS

Back-to-school items in LARGE assortments and WANTED qualities at prices that make it EASY to outfit every child for school! Read the 16-page insert which you received in yesterday's paper... check the values... then drop into EATON'S on Thursday and Friday.

Order by Phone Dial 2-7141

Residents of Sidney, Keating, Sooke and Cobble Hill Exchange Areas Call EATON'S TOLL-FREE NUMBER ZENITH 6100

## AROUND AND ABOUT

With Jo Healy

CAYCUSE—As a revolutionary swing to pastels and brilliant-hued cars necessitates a special field in color designing and blending in automobile factories, let's glance back 30 years to the claims of a currently popular manufacturer.

"And now" cries the firm in a paean of praise for the 1917 series, "this car once more starts the inquiring public and lives up to all expectations."

A strikingly original and exclusive effect, obtained in 25 paint and varnish operations, put this car over the top for smart exteriors. The new models were finished in a gun-metal grey. A fine white stripe running around the top of the body adds just the right decorative touch to the dignified beauty of this soft tone of grey.

The radiator, fenders and apron were enamelled in lustrous black.

But the great innovation was the newly patented curtain opener; it allowed the storm curtains to be opened with the doors from top to bottom. This feature not only eliminated the necessity of crouching or sliding when alighting from the car, but hung on to your "Tonis" girls—prevented crushed hats and broken feathers.

All this and more was revealed in a copy of a Victoria newspaper dated Dec. 10, 1916. Wrapped around a chimney in an old Up Island home, fragile as ancient brocade, the paper gave evidence by its scorched and tattered edges of many a potential house-burning.

In that troubled year, you could buy hand-knitted wool socks (dandy for soldiers, it said), per pair 95c; lovely blue serge gents' suits, \$19.50. You could rent, in James Bay, a desirable cottage, six rooms, only \$12 a month.

Eggs were high at 75c per dozen and oranges were higher than current prices. But loin roasts of beef were 25c to 30c per pound, pork legs at 20c-26c, spring salmon at 12 1/2c, and oysters—m-m-m—at 30c a dozen; and Theda Bara was playing at the Columbia Theatre in "Carmen."

## ASTHMA?

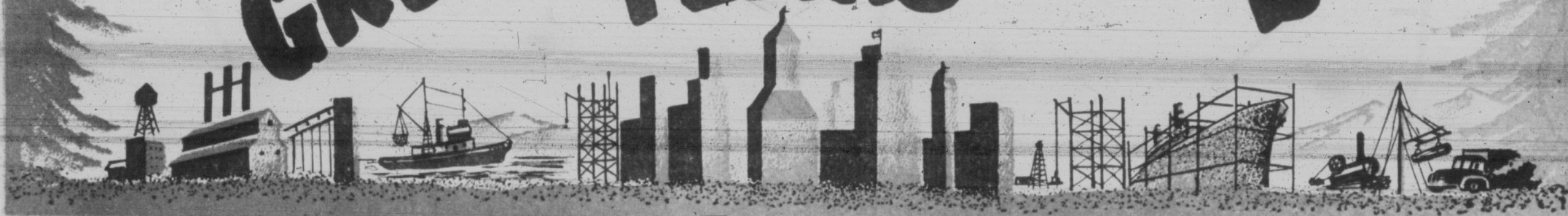
Thanks to Breatheasy, thousands have found new relief from asthma spasms, and nasal congestion of hay fever. Get the original epinephrine inhalant long used by so many.

Usually restores natural, comfortable breathing in minutes. Used successfully by adults, children. Get inhalant and pyrex nebulizer—also zipper carrying case if desired. Judge Breatheasy's effectiveness for yourself today. You must be completely satisfied—money-back guarantee!

AT LEADING DRUG STORES or write to Breatheasy, 2446 Granville, Vancouver 9, B.C.



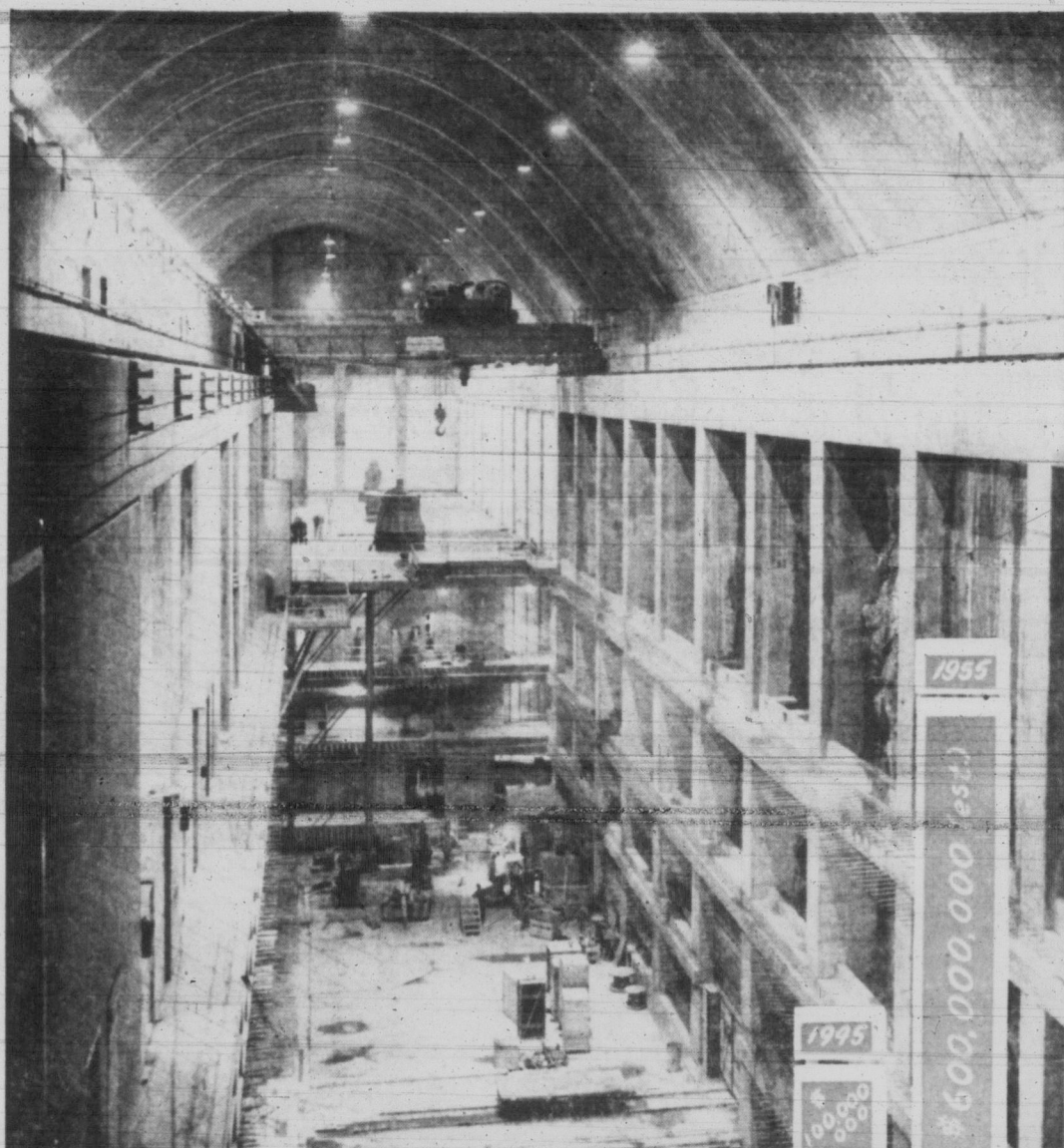
# TEN GREAT YEARS FOR B.C.



## Victoria Daily Times

VICTORIA, B.C., WEDNESDAY, AUGUST 31, 1955

A Review of the Industrial and General Economic Growth of the Province in the Past Decade



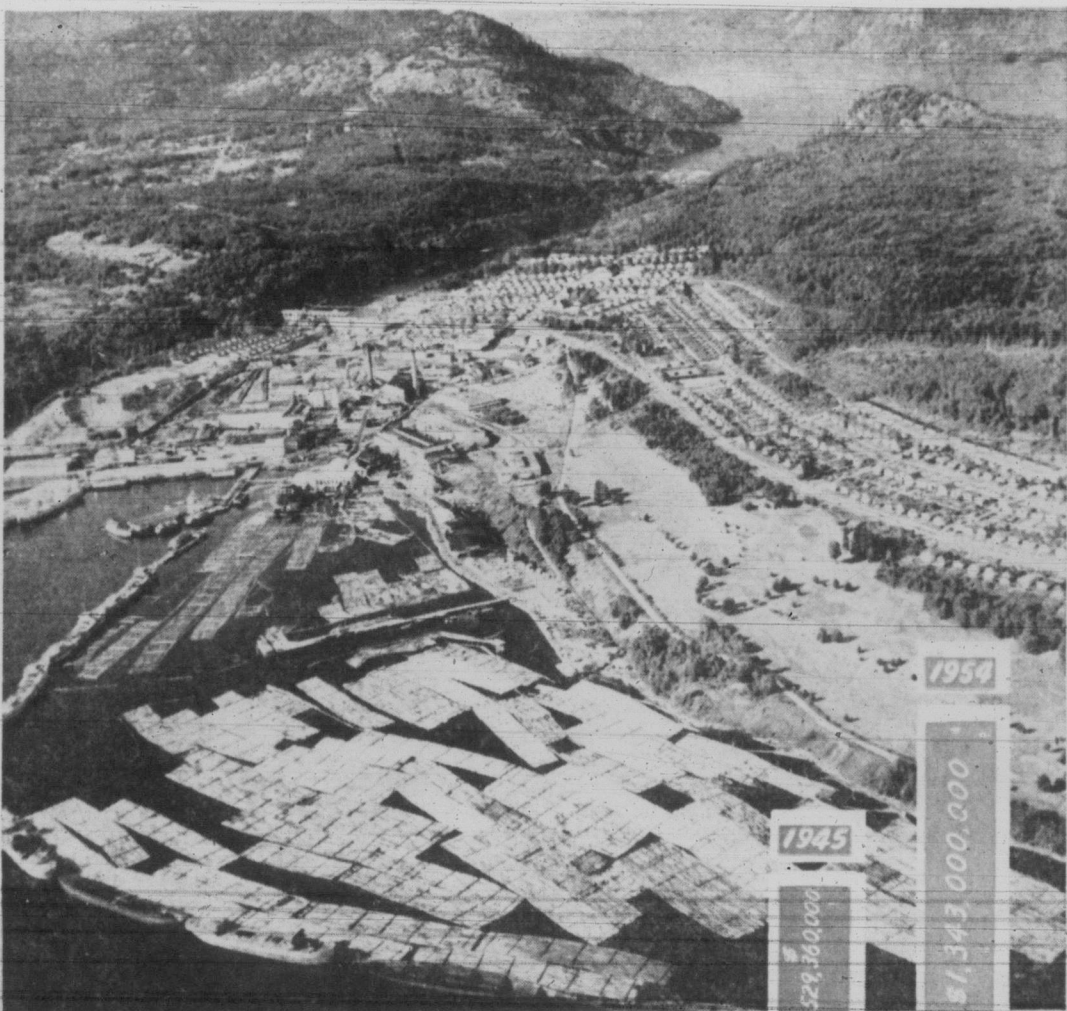
Alcan Powerhouse inside du Bose Mountain

CAPITAL INVESTMENT



Happy crowd enjoys All-Sooke Day picnic

POPULATION



Powell River Town and Paper Mill

INDUSTRIAL REVENUE

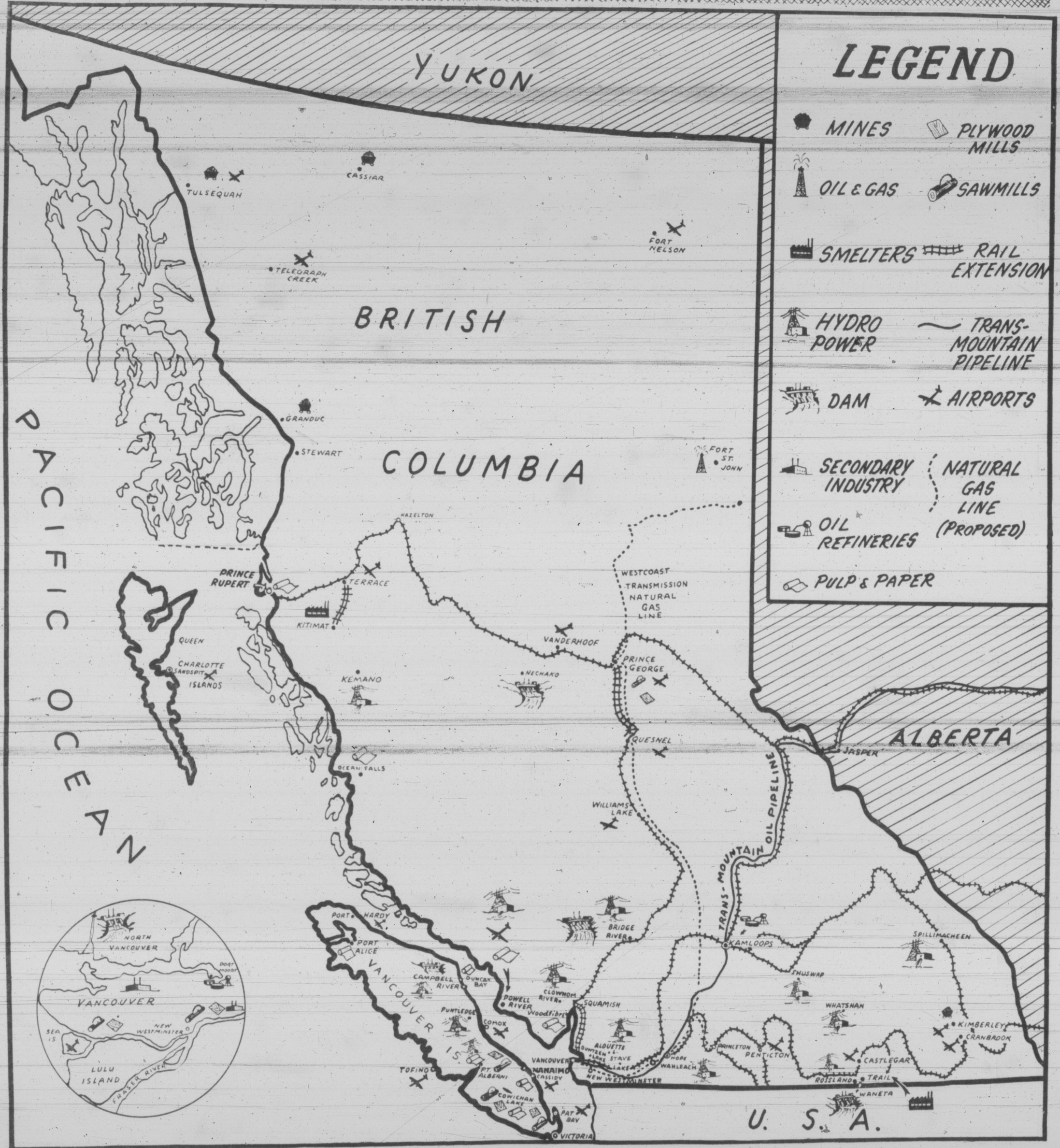


B.C. is the land of lovely homes

PERSONAL INCOMES



# MAP OF B.C. DEVELOPMENT-1945-55



This outline map of British Columbia, fastest-growing province in the whole of Canada, shows some of the places and some of the main projects which have come into prominence during the last ten years.

Actually, growth of B.C., is not limited to those places marked on this map. Whole province has gone forward in post-war boom, and every section affected in some way. Map is designed to show newest and largest developments. Many old-established enterprises have expanded greatly and undergone modernization in recent years, while many smaller businesses have been successfully launched. Continued industrial development is assured with many major companies having large-scale projects on their drawing boards. Province is taking giant strides forward.



Stately edifice, at left, is the Parliament Buildings at British Columbia's capital city, Victoria. This is the seat of government and the centre of all the great activity in every region of the province. Outside corporations thinking of expanding into British Columbia usually make this their first place of enquiry. Floral sign of welcome is particularly appropriate for those who plan to live or invest in British Columbia for province welcomes new citizens and new industry. This building, in use since 1898, housed practically all government offices up to end of Second World War. Since then, government work has increased with province's growth and new office buildings have been erected nearby.



# Engineering Miracles Change Face Of B.C. In Decade

## \$4.4 Billions Poured Into Province Created Boom of Huge Proportions

It would not be strictly fair to say that in the past 10 years British Columbia has changed from a land of hewers of wood and drawers of water to a highly technical province of expert craftsmen, but it would be close enough to be very nearly true.

The hewing of wood and the drawing of water still represent two mighty important facets of British Columbia life but today the hewing and the drawing are no longer fatiguing manual operations but the highly mechanized genesis of a diversified industry that has made British Columbia.

Second of all, the Canadian provinces in per capita wealth, per capita purchasing power, and per capita production.

When the decision was made to compile this special edition to mark British Columbia's march of progress in the ten year period since the end of the war, there was considerable discussion as to what title it should be given.

As the editors pored over the lists of achievements, selected the pictures and articles, they were so deeply impressed with what has happened to British Columbia that all the dazzling adjectives of this dynamic era seemed inadequate.

### AN AMAZING DECADE

So they called it "Ten Great Years for B.C.," and in that word "great" there is all the breadth and depth of meaning that prefigures the thousand and one progressive steps that have been taken by Canada's westernmost and loveliest of provinces in the past decade.

In 1945 nearly the whole of the production of British Columbia was sold in a raw or near raw form.

Men cut the giant firs for which B.C. is world famous, and sawmills cut them up to be shipped abroad as rough-cut lumber.

Only the pick of the forest crop could be used, and the rest was left as it fell to rot on the forest floor.

Today the forest industry—now, as then, the biggest individual money-maker in the province—has become a large integrated industry.

Lumber still forms a large percentage of exports, but more and more the emphasis is shifting towards the finished articles—plywood panels, doors and casings, special roof and floor coverings, and from the wood that is left over as unsaleable for carpentry use a huge pulp and paper industry has grown up.

Since 1945, capital investment in British Columbia has reached the fantastic level of \$1,400,000,000. This is equal to \$3,520 per person of the inhabitants of the province.

And of this great sum, nearly half has gone into the forest industry in one shape or another.

**VAST EXPENDITURE**  
One great firm, MacMillan and Bloedel, which is an amalgamation of H. R. MacMillan Export Ltd. and Bloedel, Stewart and Welsh, has poured \$71,280,000 into its new enterprises in the ten year span, and it is preparing to spend \$35,000,000 more on expansions of its plants in the Port Alberni area.

MacMillan and Bloedel has built new pulp mills at Port Alberni and Nanaimo, and has made massive improvements to its sawmills and plywood mills.

Another great B.C. firm, Powell River has spent in the 10 years \$51,000,000 on its paper mill and is starting to spend \$20,000,000 more on further

expansion. This mill turns out 400,000 tons of newsprint a year.

Activities of other companies show how massive a part pulp and paper has played in the progress of the province.

The Columbia Cellulose Company, a subsidiary of Celanese Corporation of America spent \$27,000,000 on a cellulose acetate pulp mill near Prince Rupert, and is planning to build a kraft mill at similar cost in the Arrow Lakes area.

The Crown Zellerbach Company, which has owned the Ocean Falls paper mill for many years, widened its Canadian interest by buying out Canadian Western Lumber in 1953, and has already spent over \$32,000,000 on a new paper mill at Duncan Bay on Vancouver Island. Another \$30,000,000 in the next two years will be spent in building a pulp plant alongside the paper mill, and when this is completed it will be the largest single operation of the vast United States company.

Rayonier Inc., another big U.S. firm, which has recently bought its way into the B.C. forest and pulp industry, is preparing to spend \$16,000,000 on modernization of the pulp mill at Port Alice in the north of Vancouver Island. Port Alice along with Woodlodge on Howe Sound was bought out by Rayonier from Alaska Pine and Cellulose this year.

### EMPHASIS ON FORESTS

Why should there be such an emphasis on forests and forest products when we talk of British Columbia?

The answer lies in the geography of the province. Of its 234,850 acres, bigger than the States of Washington, Oregon and California combined, some 135,000,000 acres or 59.3 per cent are water, muskeg, swamp or rock; some 90,000,000 acres or 38 per cent are suitable for growing trees and nothing else; and the tiny remainder, 6,500,000 acres, or 2.7 per cent is all that is left for agriculture and space where the people of the province may live.

Forty cents of every dollar made in British Columbia comes from forest production. Its average annual revenue is \$472,760,000, and it employs 60,000 people earning \$200,000,000 a year.

Yet it should not be thought that British Columbia has no other strings to its bow.

**REFINING OUTLOOK BRIGHT**  
The day is perhaps not so far away when it will be the scene of the world's greatest metallurgical operations.

This is where the old time drawer of water comes into the story from his humble operations on British Columbia rivers and lakes to provide water for his crops, and cattle, power for his primitive sawmills or pan the gold from its creek beds, the modern engineers have turned that same water into some of the world's greatest electrical power projects.

This has proved the life-blood of British Columbia's new and magnificent industries.

Yet the province so far has developed only 2,216,518 horse power of a total of over 20,000,

### The Editors' Views

#### These Ten Great Years Have Terrific Impact

In presenting this section the editors believe that the energy and resources thrown into the development of British Columbia since the Second World War are unsurpassed by any decade in the province's near-100-year history.

Because it is a young country British Columbia has never stopped growing in population and wealth since the days of the Cariboo gold rush, although it has paused briefly for some periods.

The last decade, however, has witnessed an expanding economy in every direction. Modern skills have been applied to the fabrication of our raw materials on a scale undreamed of not many years ago.

In this section it has not been possible to mention everything, or every industry, or all groups who have contributed to this advance. In the main it has been devoted to the spectacular new developments taking place, rather than to the steady progress recorded in many other lines of endeavor.

But the editors feel it will put into perspective for our readers the events of these "ten great years" with the impact they have had on our daily life and our general standard of living.

600 horsepower that can be raised hydraulically.

The most fantastic of all the post war industrial developments has been by the Aluminum Company of Canada.

It has turned the course of a whole watershed, built the world's largest subterranean power house inside a mountain, and has planned a 50,000 population city to go along with an aluminum smelter that some day will be the world's largest.

**WONDER OF THE WORLD**  
Alcan's new city of Kitimat is one of the wonders of the world. To date it has cost nearly \$300,000,000 and a second phase of the development will cost \$190,000,000 more.

Situated at the head of the Douglas Channel, Kitimat four years ago was a small Indian reserve. For all the interest it aroused it might easily have been the end of the world.

Today Kitimat has a refinery that is turning out 90,000 tons of aluminum ingots a year, worth at market price about \$38,000,000.

When expansions are completed the Kitimat smelter will have a 500,000 tons a year capacity—making it the largest in the world.

To go along with this vast plant, Alcan is constructing to a master plan a city which will be a model in every respect.

The Canadian National Railway has built a spur line of 43 miles from Terrace to connect Kitimat with the North American continent's greatest railway system.

As Alcan has to bring all its raw material for the manufacture of aluminum thousands of miles by sea—bauxite from the Caribbean, fluorspar from Greenland—it was only the cheap power that lured this massive new industry to British Columbia.

**BIG ENGINEERING FEAT**  
While the task of cutting a ten mile tunnel through a mountain of rock, and carrying a high voltage power line 50 miles over a mile high pass and through some of B.C.'s wildest country gave Alcan the credit for some amazing engineering feats, there have been other top ranking engineering feats in the past ten years.

There have been the great new hydro electric power plants built by Consolidated Mining and Smelting to serve the greatest zinc lead smelter in the world at Trail. There have been new hydro plants by B.C. Electric at Bridge River and Waleach; and by B.C. Power Commission at Campbell River.

**USES YUKON WATER**  
In prospect is another giant hydro scheme in the northernmost part of the province. Ventures Ltd., the big Canadian mining and refining company, is proposing to spend \$700,000,000 on a project not unlike that of Alcan at Kemano-Kitimat.

About 4,000,000 horse power can be developed from the Yukon River watershed, and Ventures proposes to use the power at tide water on a vast metallurgical plant which will treat ores not only from B.C. but from all parts of the world.

**VITAL ROAD LINKS**  
High too on the list of great engineering feats must rank those of the road and rail builders.

The B.C. government took on a mighty task in building the 125 miles long Hope-Princeton Highway that completed in 1949 brought the Okanagan Valley within five or six hours of Vancouver. It is a wonderful road that follows the historic old Dewdney trail.

The province has built another great road between Prince George and Dawson Creek, which for the first time gives British Columbia a direct link between its populous south and the riches of the Peace River area. Hitherto the people of the Peace had only one way out—by Alberta's Edmonton.

The province also takes full marks for its efforts to make a real railway out of the Pacific Great Eastern which used to start and end nowhere.

**P.G.E. PROGRESSES**  
Since 1945, the P.G.E.'s northern terminal has been extended some 78 miles from the village of Quesnel to the flourishing city of Prince George, where it now connects with the C.N.R.'s northern trans-continental line.

Vancouver from the start of this century has been a great port through its link with the Orient, but while the trans-Pacific trade has dwindled from its peak, the port is busier than ever with ships loading lumber, grain, pulp, paper, ores, fruits and other local products for all parts of the world.

**PIPELINES OPEN VISTAS**  
Vancouver also in the past few years has become a centre of the oil refining industry. A \$100,000,000 pipeline snakes over the mountains for 700 miles brings the crude oil of Alberta right into Vancouver's back garden on Burrard Inlet.

Here three of the great oil companies have built modern cat-cracking oil refineries that now supply B.C. with all its gasoline and oil requirements and still have plenty to spare for export.

Another great pipeline to bring natural gas to Vancouver from the Peace River area of British Columbia is about to be built. When constructed this will not only give the province a new source of revenue from gas royalties, but will also provide the southern mainland with cheap fuel, and is almost certain to attract a new petrochemical industry to the province.

In the city of Vancouver itself great new buildings are being erected in the downtown area. Three business premises of over 15 stories are in process of construction. The Granville Bridge—a \$10,000,000 job—is a wonder of the engineer's mind to solve the traffic bottleneck of a great city's traffic.



### PGE Mixed Train Rolls Over Cottonwood Bridge

Extension of the PGE Railway, both at its northern and southern ends, has been among the mighty engineering feats in British Columbia in the past 10 years. On the 82-mile extension from Quesnel to Prince George, one of the most formidable crossings

for the engineers was the fast-rising Cottonwood Creek. This was the bridge they built to cross the canyon. It was opened in 1952 and has a span of 1,023 feet from abutment to abutment. (Govt. Travel Bureau Photo.)

scenic railway, but it will not be that way for long.

The government-owned railway is being extended along the shores of Howe Sound, past the rich copper mining towns of Britannia Beach to North Vancouver, which it will connect with the other railways running into the B.C. metropolis.

A job costing over \$10,000,000, the 43 miles link will put an end to the old and expensive method of having to send all PGE freight from Vancouver to Squamish by barge, and passengers by steamship.

As the government also intends at some future date to extend the P.G.E. north from Prince George to Dawson Creek in the Peace River area, where it will connect with the Northern Alberta Railways, British Columbia will soon have for the first time a rail link running from the north to the south of the province.

**FINE LIVING OFFERED**  
But it is probably in the two great cities of British Columbia that the growth has been most marked to the sightseeing eye.

In Vancouver and Victoria we have two new look cities, affected and expanded vastly in the past ten years.

With all the facilities for luxurious living, Vancouver and Victoria present two of the most favored metropolitan areas in all Canada.

The population of the greater Vancouver area is about 600,000, or half the total of the whole province. It is surrounded by equally fast growing municipalities, and its industrial and manufacturing growth is the fastest in the province.

In some of the more expensive residential areas of the city the saying goes that there's at least one millionaire in every street.

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which has created a city of lovely homes, kaleidoscopic gardens and living splendor.

In the past 10 years Victoria and district population has nearly doubled to its present total of 120,000. In that time it is estimated that about 10,000 new homes—many of them in the luxury Uplands category—have been built.

**VICTORIA LEADS**  
Victoria has the reputation of having the steadiest income in Canada, and per capita it is the best marketing town in the country.

Those who have not seen Victoria for the past 10 years will note many new buildings. These include the new parliamentary annex, the Douglas Building, the new Post Office, the Memorial Arena, the B.C. Power Commission building, and St. Joseph's Hospital, the new B.C. Electric building and the big plywood mill belonging to the B.C. Forest Products.

Nor must be forgotten the naval municipality of Esquimalt on which \$30,000,000 has been spent in the past 10 years to make Esquimalt the modern Pacific headquarters of the Royal Canadian Navy.

**GOVERNMENT IS STABLE**  
Politically British Columbia has been lucky in having two governments—one Coalition and one Social Credit—which have had in common the advancement of the province industrially and socially.

Both have favored private enterprise and both have done good work. The province offers a highly successful hospital insurance scheme, paid-for-out-of-sales tax—and its labor and industrial laws have aroused favorable comment from all over the world.

**FACTS ABOUT B.C.**  
Here are some interesting facts about B.C.  
It has the finest stand of softwood in the British Commonwealth.

Its sawmills have the greatest production of lumber in Canada. Its forest industry is worth over \$500,000,000 a year.

It has the world's largest smelter at Trail, and Cominco is the world's biggest producer of lead and zinc.

Its commercial fishery is the largest in Canada. Its gross value of manufactured products rose to \$1,420,000,000 in 1954 from \$655,844,689 in 1944.

It has one of the world's largest drydocks at Esquimalt. It has 22,555 miles of highway, of which 2,661 miles are hard surfaced.

It has over 4,500 manufacturing firms. Its mining production at the end of 1954 was estimated at \$3,400,000,000.

Its Sullivan mine at Kimberley has been producing silver, lead, zinc for over 50 years, and is one of the biggest known ore bodies in the world.

Its fish storage plant at Prince Rupert is the biggest in the world. Its tourist industry is worth \$70,000,000 a year.

Its parks cover over 1,000,000 acres and many of them are specially laid out for tourists and campers. Its education department looks after over 1,100 schools.

Its railway lines spread over 6,000 miles. Its Okanagan Valley averages 6,000,000 boxes of apples a year.

### B.C.'s Premier Sees More Growth Ahead

British Columbia's economic expansion during the past ten years has been an undoubted achievement. More or less an industrial infant not so very long ago, the province is recognized, not only as a rich potential, but also as one of the earth's foremost contributors of mineral wealth. Production of precious metals, non-metallic minerals, industrial materials, coal, wood and wood products, and now natural gas, has placed the province among world leaders.

Significant is the gross value of manufacturing production. In 1944, this amounted to just under \$655 millions. Ten years later it had become some \$1,420 millions.

To keep pace with this, developed horsepower from hydro-electric sources increased from \$64,024 in 1944 to 2,121,000 during 1954. Kemano alone generates 420,000 horsepower, whilst several large developments currently in the making are expected to produce another 2,500,000 horsepower to feed the growing needs of industry.

From the forests, 1944 production was \$146,611,000 for an output of 1,982,478 M. f.b.m. of which 489,690 tons were pulp production. Ending 1954, production value was \$328,022,000 from the forests' 4,481,279 M. f.b.m., and of which 1,277,083 tons were pulp. Too, considerable emphasis is now directed towards the utilization of wood waste.

Other aspects of British Columbia's economic growth are equally impressive. In the 10 years under review mineral production value leaped from just under \$55 millions to nearly \$150 millions.

Agriculturally, cash realized from the sale of farm products jumped from some \$68 millions to over \$105 millions. Fish production valued at \$34,900,990 during 1944 almost doubled itself by the end of 1954.

The value of construction contracts awarded increased by almost 300 per cent, whilst building permits issued to incorporated centres and regulated areas of the province increased from \$17½ millions to \$164,840,000. Retail sales within the province during 1944 represented \$390½ millions, and increased to over \$1,230 millions during 1954.

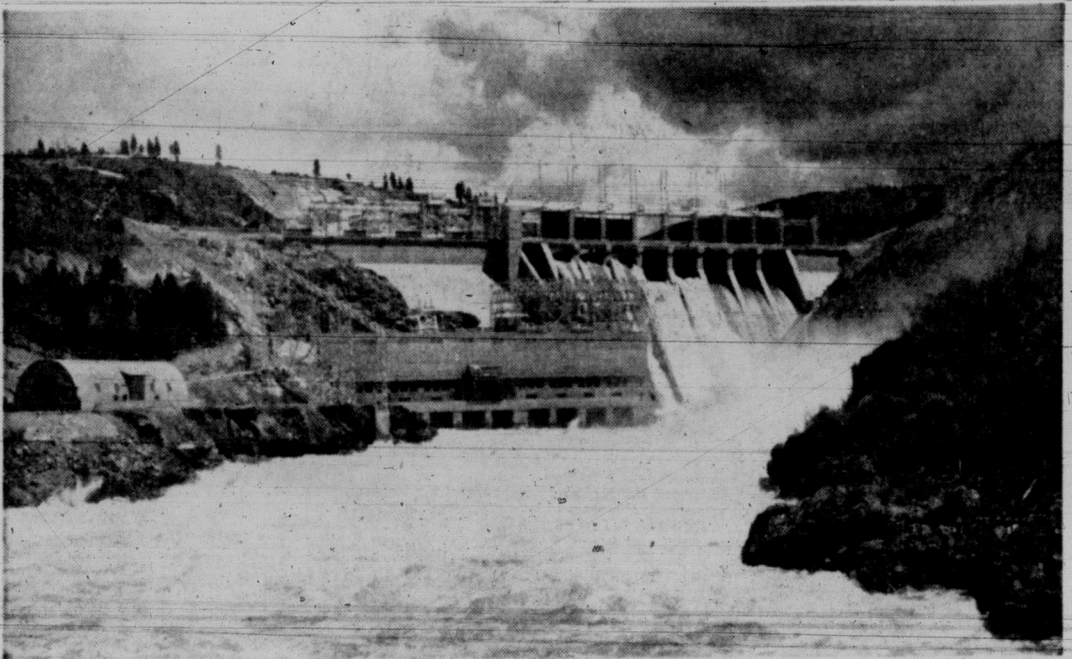
British Columbians consumed 2½ billions kilowatt-hours of electricity 10 years ago, but increased it to over five billions in 1954. They used 135,875,877 more gallons of gasoline, nearly quadrupled purchases of life insurance, cashed more than three times the value of cheques against individual accounts, and saw their personal income rise from \$774 millions in 1944 to an estimated \$1,856 millions last year. Similarly, they exported British Columbia products to the value of \$179,586,138 in 1944, which figure became some \$569 millions last year, and the highest in provincial history.

Truly, the future belongs to British Columbia.

W. A. C. BENNETT, Premier.



W. A. C. BENNETT



### Could Light Every Home in Canada

The Waneta power plant on the Pend d'Oreille River, about 11 miles south of Trail, provides enough power to light a 60-watt bulb in every home in Canada. But the power from this great new hydro station goes

to the Consolidated Mining and Smelting Company's smelters at Trail. Cominco is the biggest individual user and developer of hydro power in the province. (Photo by Cominco.)

### Investments Soar Sharply In 10 Years

Capital investment in British Columbia:	
1945	\$100,000,000
1946	180,000,000
1947	220,000,000
1948	341,000,000
1949	371,000,000
1950	355,000,000
1951	512,000,000
1952	604,000,000
1953	626,000,000
1954	535,000,000
1955 (Estimated)	600,000,000
	\$1,444,000,000



# Water Power Wealth. Tremendous B.C. Asset

## Development Swift In Post-War Years

Of all the tremendous growth happenings in British Columbia in the past 10 years, nothing has been more important than the fact that the province has a wealth of water to provide cheap primary power.

Water, which flows through hundreds of rivers and thousands of streams, is the commonest and perhaps the most important of all British Columbia's natural resources. Without the cheap power that comes from falling waters none of the great new industries of British Columbia would have bloomed.

Some would never have started.

It was not the raw materials, the location or the weather which brought Aluminum Company of Canada to the west coast to look for a site for an aluminum smelter. The raw material for aluminum production comes chiefly from the tropical regions of Central America and the Caribbean.

**HYDRO DID IT**

Kittimat, the spot chosen for what is going to be the world's largest aluminum refinery plant, was not a remarkably suitable spot for the purpose.

But it was the most convenient spot to water power that could be converted into the massive amount of comparatively cheap electrical power that is needed for the manufacture of aluminum.

The story of Kittimat is told elsewhere in these columns but it is never to be forgotten that it was hydro power and nothing else which brought this great major industry to B.C.

Kittimat, however, is only one example of the tremendous asset British Columbia holds in its water system.

The great pulp and paper mills dotted along the coast all depend upon cheap hydro power for their economical working.

They could not exist without the raw material of the forests, but water for power and water for processing have also been a must in the development of this industry.

In the interior the great base metal refinery, at Trail, is at present the heaviest individual user of hydro power, and all the secondary industries springing up in the populous Fraser Valley and metropolitan Vancouver are electricity conscious.

**POWER KEEPS PACE**

Since the war, the fast and orderly development of electric power has kept pace, and is mostly a shade ahead of industrial requirements.

In 1945, when the postwar development started, British Columbia was developing 864,024 horse power of electrical energy.

Ten years later that amount has risen to 2,216,518 horse power—an increase of 1,352,494 horse power.

Of this the largest single contribution was the 420,000 horse power of the initial Aluminum Company of Canada's project. Present construction work at the Kemano power site will add another 250,000 horse power within the next year.

The other great hydro development by an industrial firm has been by Consolidated Mining and Smelting which now has an installed capacity of 329,000 horse power on its four Columbia-Kootenay plants. The latest addition Waneta No. 1, on the Pend D'Oreille will develop 240,000 horse power when fully completed.

The British Columbia Electric Company, which supplies the populous Vancouver and Victoria areas and sells much of its power to industrial firms, has raised in ten years its hydro electric output to 727,460 horse power.

This is three and a half times more than the 1945 total of 233,000 horse power.

The biggest source is the still partially developed Bridge River plant which is responsible for 248,000 horse power. Bridge River and other B.C. power plants at Alouette Lake, Slave River, Bulkley River, Bulkley Lake and Waleach supply the Fraser Valley and Vancouver. The B.C. pioneer plant at Jordan River partly fulfills the electrical needs of the capital.

Purdie station augments this total with another 35,000 horse power.

However, the needs of Vancouver Island continue to grow and an additional generating plant at Ladure Falls will increase the watershed capacity.

Another 25,000 horse power is to follow. When the dam at Upper Campbell Lake is completed, another 70,000 horse power will be available.

It is the power from these sources that is the mainstay of the B.C. power system.

One at Selkirk Creek, below its main Bridge River producer, will increase the total by 38,000 horse power. Further to the west, B.C. Electric is also working on the Cheakamus River where dams and generators will build up 100,000 horse power of electricity.

**GREAT JOB DONE**

The B.C. Power Commission, a crown corporation owned by the people of British Columbia, has done a remarkable job of providing electrical power at modest prices to the less densely populated areas of the province.

The Commission has raised its capacity from 111 to 260,000 horse power in the 10 years of its existence.

Its biggest operation is on Vancouver Island where the John Hart plant has an installed capacity of 168,000 horse power. The nearby

Shuswap Falls serving Vernon and Shuswap is another major power source. In addition, it has a number of diesel plants scattered over the province.

**POWER BY CABLE**

Vancouver Island is not so fortunate hydroelectrically as the rest of the province. Its limited opportunity for hydro development is already about half the water power of the island has been tapped. The remainder is awkwardly placed or is unlikely to be economically sound.

To meet this threatening shortage of island power, the B.C. Electric has under construction a \$2,000,000 under-

water electric cable which will bring about 150,000 horsepower from the mainland to the southern end of Vancouver Island.

The cable will be laid on the floor of the Gulf of Georgia and will be the longest high capacity submarine power cable in the world.

Elsewhere in the province the water supply is so great that at the moment no economic use can be found for much of it.

**SCRIPTUS IS STAGGERING**

The U.S. Forest Service, which manages the B.C. lands and forest department, estimates that another 100,000 horsepower, far more than British Columbia is likely to need for many years, is there for the taking.

This colossal figure, however, does not take into consideration the flow from other great sources, the Bulkley and Bulkley Rivers, which are so remote from centers of population as to be regarded as "wasteful." These probably amount to another 10,000,000 horsepower, representing a tidy reserve for future contingency.

**POWER UNLIMITED**

It is different with the wild waters of British Columbia's interior. Here there is an almost unlimited reserve of power available to enter the power system as soon as needed.

Already the Froisher-Venture mining companies are preparing to harness the head waters of the Yukon river for a vast metallurgical industry to be sited on the Taku river in northern B.C.

While much of the water of the Yukon is outside B.C. territory, the requirements for the initial development of 800,000 horsepower would be drawn from British Columbia.

The total development would create 4,000 horsepower according to late estimates.

There are two other major possibilities for hydro development in northern B.C., but they have been only roughly investigated and might cause numerous engineering problems.

One is the Liard-Stikine project and the Peace-Fraser canyon which is suitable for Crooked River to Summit Lake, which is over 450 feet above the present level of the outside the province and would flow into the Pacific north of Stewart.

On the Stikine is a long deep back-up the Parsnip and the Peace-Fraser canyon which is suitable for Crooked River to Summit Lake, which is over 450 feet above the present level of the outside the province and would flow into the Pacific north of Stewart.

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The potential of any power plants which may be developed from there on the Fraser's journey to the sea.

Apart from having water power for hydro development sufficient to supply a population of 50,000,000 people with their industries, the waters of B.C. also play a valuable part in providing irrigation.

The rich fruit lands of the Okanagan depend almost entirely upon the irrigation water they receive from the Fraser valley. Without water this multi-million-dollar business would not have been possible.

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outlet of Lower Koot



# Kitimat Means Aluminum in B.C.

## Huge Development Gets High Rating

Kitimat is a magic word in British Columbia. It is a word known to practically every B.C. citizen over the age of eight, and the name which invariably gets first mention when people speak of recent industrial growth in this province.

The development of Kitimat, since power is the major key to aluminum production, the great lakes and turbulent rivers of British Columbia seemed to make this a natural location for the industry.

During the Second World War, of course, Alcan was too deeply engaged in developing its Quebec hydro and smelter facilities to give much thought to opening up a new operation in the west. But after the war, things were quite different.

Aluminum was much in demand for peacetime uses and Alcan's prospect pointed to the demand increasing. Plants in the west had been developed to their peak capacity and Alcan's production was to be increased.

It was then Alcan engineers turned to give B.C. their serious attention. Power, of course, was a prime consideration. But there were other things as well. For one, the spot they searched for had to give access to deep sea ships. This was necessary since bauxite, necessary for aluminum production, has to be shipped to the west from the tropics.

Cost of the project up to this point was approximately \$275,000,000.

Operations at Kitimat began Aug. 1, 1954, with the Duke of Edinburgh on hand to pour the first pour.

Continued demand for aluminum resulted in the announcement late in 1954 that an additional \$15,000,000 would be spent to add another 60,000 tons to the annual smelter capacity by the middle of 1956.

In March of this year Alcan announced its intention to go even further and disclosed plans for expending another \$100,000,000 to add another 120,000 tons to the smelter's capacity.

EXPANSION CONTINUES. Accordingly, the total of new construction underway or scheduled is \$240,000,000.

Present plans call for 90,000 tons of this to be in operation by the end of 1958. This will bring the total installed capacity to 180,000 tons. The balance, it is intended, will come into operation in stages over the next three years.

If this target is met, it will power mean Alcan by the end of 1959 will have an aluminum smelter at Kitimat with a capacity of 330,000 tons, representing an investment of about \$300,000,000.

Ultimately, Kitimat will be able to produce aluminum at the rate of 550,000 tons annually. The government of B.C. for then a 10-mile long, 25-foot deep, man-made lake had tried to interest the aluminum industry in coming to locate in this province, offering the water

### Alcan Sparkplug



McNEELEY DU ROSE

Executive Vice-President of the Aluminum Company of Canada and the man who has directed the company's policy at Kitimat. He is the sparkplug of the B.C. development. His great work, the B.C. 200-year-old creek, a point about half a mile from the town, is the big mountain through which the tunnel was built. When well inside the mountain, the water of the Tweedsmuir Park to the powerhouse at Kemano. Mr. du Rose has also been the master mind of Alcan's Saguenay Valley power and aluminum development. (Photo by Nakash.)

In the 125-mile long reservoir, its only means of escape. At the end of this tunnel, deep inside Mount DuBose at Kemano, Alcan installed its electric generators. These generators catch the water after it has dropped a distance of 2,600 feet through steel penstocks, a fall 16 times that of Niagara. Power generated here is carried over a 50-mile transmission line over the top of other mountains to Kitimat, where the aluminum smelter and harbor facilities are located.

Each different section of the project was an engineering feat of great magnitude.

KENNEY DAM BUILT. Before work could begin on construction of the dam, it was necessary to build a 60-mile road from Vanderhoof, the nearest town, to the bottom of the dam. The road builders carved out a huge by helicopter.

Set to work in the early spring of 1954, the road was ready to take a 700-ton load 82 feet wide and employed and used over 100 men, heavy 135 feet high. That's a space miles of the route.

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The dam itself now impounds a reservoir 335 square miles in area. The rock fill and clay-core construction has made it a permanent part of the topography of the area; a structure whose life will be measured in geological, rather than historical, time.

The dam stands 317 feet high and is 1,550 feet in length with a crest width of 40 feet. It is the world's largest sloping rock-filled, clay-core dam.

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Commencing on Oct. 22, 1951, one team pushed westward from the Tahisa Lake through the mountain and another pushed eastward from Kemano. At the time, three generators were installed in this space with a capacity of 150,000 horsepower. Five more generators are being added, bringing the power capacity to 1,120,000 horsepower.

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Engineering parties spent two years gathering data before the line and towers could be planned. Aluminum towers were prefabricated and flown to the high sites by helicopter.

To withstand the weather, the towers were built of aluminum. This powerhouse, chamber is forced, 228 inches in diameter, access road was ready to take a 700-ton load 82 feet wide and employed and used over 100 men, heavy 135 feet high. That's a space miles of the route.

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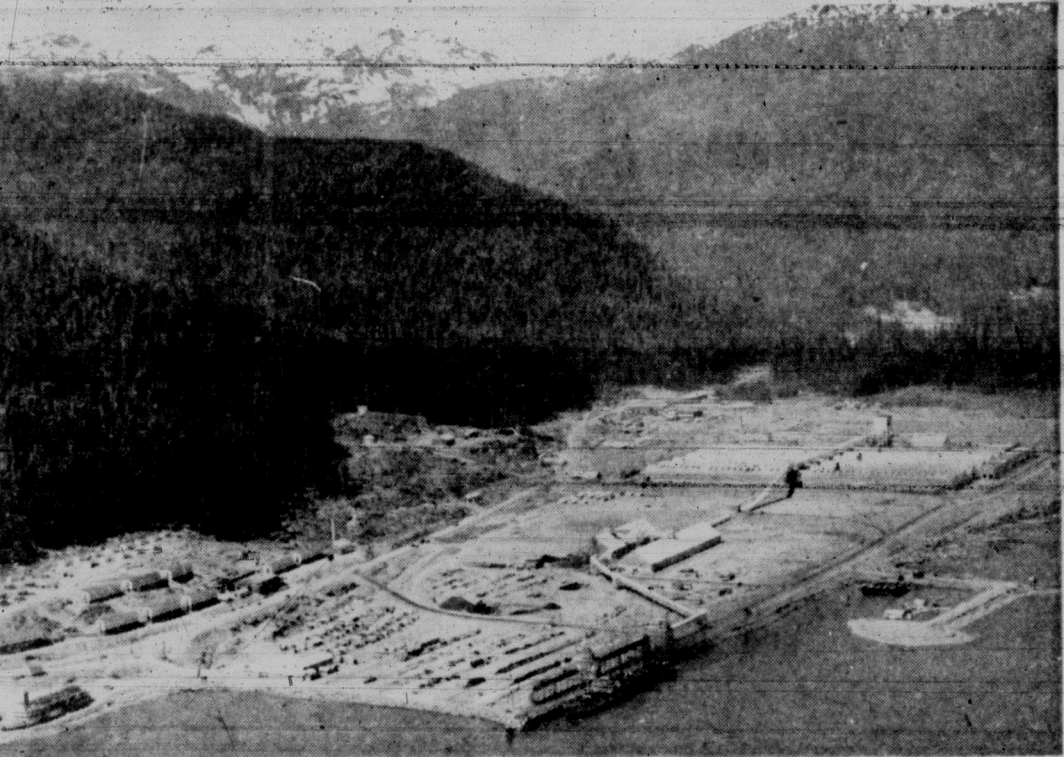
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## Home of B.C.'s Greatest New Industry

Hewn out of B.C.'s rugged coastline at the head of Douglas Channel, Alcan has built an aluminum refinery that shortly will be the biggest in the world. Picture shows the wharf, and the alumina and coke storage in centre foreground. At right are the initial

two potlines of the smelter. At left is the main construction camp with the old San Francisco stern wheeler Delta King in the foreground. It was used as a hotel for construction workers.

This cable, the largest ever fabricated, conducts more power than has ever before been transmitted through a single cable.

A port with modern loading and unloading facilities, a sprawling aluminum-clad smelter with auxiliary buildings and a town which is a model of town planning now designate Kitimat.

Kitimat valley is a unique spot in this mountainous country, offering as it does a large area of virtually level space. Kitimat is 40 miles from Terrace and is linked with that centre by the CNR.

The permanent wharf at Kitimat is an "alongside" type, 760 feet long. It is flanked by a 30-foot channel dredged through flats. At one point the channel has a width of 550 feet. This allows large ocean vessels to load and unload without requiring the aid of tug boats.

Gravel, removed from the bottom of the bay during dredging operations, provides the solid footing for the smelter building.

Presently about 1,000 persons work in the Kitimat smelter. They, with their families, form the bulk of Kitimat's present population of 6,000. By late 1956 it is anticipated 18,000 persons will call Kitimat home.

Their town lies about six miles from the smelter on a low ridge running out from the toe of a mountain. One of the world's foremost town planning

over 100 private enterprises are already in business. Starting from a beachhead early in 1951, Kitimat was in operation in August, 1954. Within a space of three and one-half years a vast project was won from a wilderness.

A giant, already, Alcan's Kitimat will continue to expand and play an increasing role in British Columbia development.

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# Navy Expansion Means Lot to B.C.

## Pacific Command Completes \$30 Million Shore Program

In its continuing post-war expansion, the Pacific Command of the Royal Canadian Navy is making a direct and substantial contribution to the economic development of Greater Victoria in particular, and of British Columbia in general.

Today, the Pacific Command is an integral and important unit of the RCN. Esquimalt Harbour is 930 acres in extent and located here is the Dominion Government Drydock, the largest in Canada, and the Royal Canadian Naval Dockyard, able to accommodate warships up to cruiser class.

In this multi-million dollar development, the RCN on the West Coast provides direct employment to several thousand civilian workers while many others are affected by continuing naval expansion in various indirect ways.

Shipbuilding and allied industries on this coast are all affected to varying degrees by this naval growth. The payrolls covering thousands of workers all have their effect on the economic structure of the province and, more directly, on that of Victoria itself.

### BIG MONTHLY PAYROLL

It is of interest to note that, on an average, approximately \$1,250,000 is spent each month in the Pacific Command on salaries for civil servants and for material used in repair work.

At the present time there are approximately 3,392 civilians employed in HMC Dockyard and in HMC Naden. The cost of operation in these two establishments during the month of June, 1955, was \$868,626.16. Of this total, \$59,601.82 was for material used in repair work.

The complete expenditure for all naval establishments on Vancouver Island and in Vancouver during June amounted to a total of \$1,175,693.27.

The figure of 3,392 civilians employed in June is for the dockyard area, which includes

HMCS Algonquin and HMCS Esquimaux.

At the present time there are five Destroyer Escorts under construction on the West Coast. HMCS Fraser is being completed by Yarrows Limited, Esquimalt, while earlier this year HMCS Terra Nova was launched at Victoria Machinery Depot, Victoria.

The three other DEs, HMCS Skeena, HMCS Kootenay and HMCS Columbia, are being built at Burrard Dry Dock & Shipbuilding, Vancouver, B.C.

### MAJOR WARSHIPS

These new anti-submarine escorts, officially classed as major warships, are the first to be designed completely in Canada. These vessels are being built primarily for the detection and destruction of modern fast submarines.

In function, they will supersede the frigates and corvettes of the last war, and like the corvettes their design has been worked out so that in the event of emergency they can be produced rapidly and in quantity.

In speed, maneuverability and weapons, the ships will fulfill all the requirements of their class for modern sea warfare.

The first of the class, HMCS St. Laurent, underwent trials this year. They have a displacement of 2,000 tons and carry a complement of 210 officers and men.

### LOCAL YARDS USED

In addition to the three Gaspe Class Coastal minesweepers which have been built on the West Coast and now form the Second Canadian Minesweeping Squadron, HMCS Concorde (Victoria Machinery Depot), HMCS Fortune (Victoria Machinery Depot), and HMCS James Bay (Yarrows Limited), two others are being built as replacements for the six ships of this class which were turned over by Canada to NATO. One is being constructed at Yarrows while the other is being built at Victoria Machinery Depot.

These ships, with a displacement of 370 tons, have a complement of 5 officers and 39 ratings. They are built extensively of aluminum, including frames and decks. They are named after Canadian bays and straits.

Also built on the West Coast were the two gate vessels, HMCS Port Quebec and HMCS Port de La Reine. In addition, there have been constructed numerous other auxiliary craft such as auxiliary lighters, harbor tugboats, water boat being built at the present time at V.M.D.

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The trend of development in British Columbia is such that within a few years the province will likely surpass Quebec in developed horsepower.



## Research Laboratory Built at Dockyard

Big \$750,000 Pacific Naval Laboratory is just one of many new buildings erected at HMC Dockyard, Esquimalt, during the last ten years. This building, which houses about 60 scientists, technicians and office workers, was

formally opened Oct. 9, 1954. Laboratory, although situated on naval property, comes under National Defense Research Board, which does major research work for three armed services. Board has headquarters in Ottawa.

## Vancouver Island Shares In Industrial Build-Up

The expansion of industrial activity on Vancouver Island during the past decade bears close relation to the exploitation and development of the island's natural resources. Without being spectacular, the growth of industry has been healthy with numerous smaller secondary industries keeping pace with the mammoth development of larger concerns engaged in the processing of the island's forest products.

In 1945 there were 341 manufacturing firms and although a few have been obliged to suspend operations, new opportunities have offered a challenge which has been accepted by a further 150 organizations bringing the 1955 figure to slightly less than 500 employers of labor. Primary operations, such as logging, are not included.

The general picture for 1955 is substantially better than was the case in 1945. Current indications point to increased expansion as a corollary of a progressive power development policy which, in the case of the British Columbia Power Commission, calls for stepping up its present installed capacity of turbine horsepower of 195,000 h.p. to 349,000 h.p. by the end of 1957.

### INCREASED POWER

This increase in available power is reflected in the trend to intensify the use of forest products as evidenced by the construction of additional kraft and newsprint mills at Duncan Bay and in the Alberni Valley. Secondary industries are expected to benefit substantially as a result of planned expansion in the paper industry.

Natural products also play a prominent role in the development program to be undertaken by the B.C. Forest Service.

Company whose annual output is to be increased to 3,000,000 barrels.

The island's heavy industries, shipbuilding and foundries, have maintained a healthy and progressive status during the past decade. A period of recession followed the cessation of hostilities but it was of short duration. A readjustment was successfully carried out during the period of transition and present activities are infinitely better than those of the pre-war era. Other major industries, roofing, paint and lumber, have kept pace with the trend of



Col. the Honorable Clarence Wallace, Lieutenant-Governor of British Columbia for the past five years, is a native of this province, being born in Vancouver. He has played an important role in B.C.'s shipbuilding industry, being president of Burrard Drydock Co., Ltd., of which Yarrows Limited, Victoria, and Pacific Drydock Company, of North Vancouver, are subsidiaries. He served overseas in First World War as a private with B.C.'s 5th Battalion.

## THE FORESTS BRITISH COLUMBIA'S GREAT RENEWABLE RESOURCE

The keystone of our prosperity is fashioned from the "green gold" growing on our 90 million acres of forest land. British Columbia's mines, orchards, fishing, farming, and ranching—important though they are—would not begin to support our increasing population and the roads, schools, hospitals, and other social services and amenities that our population requires.

**Our Forests Carry the Load  
Protect Them — Manage Them — Use Them**

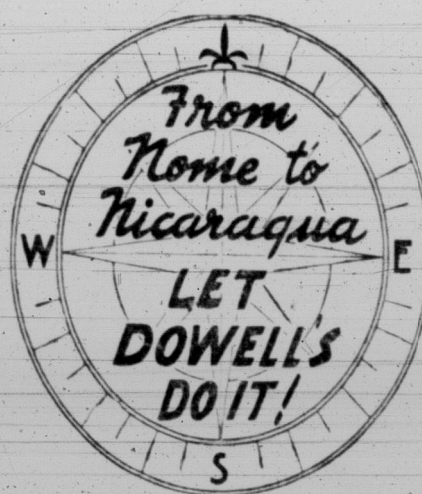


**British Columbia Forest Service  
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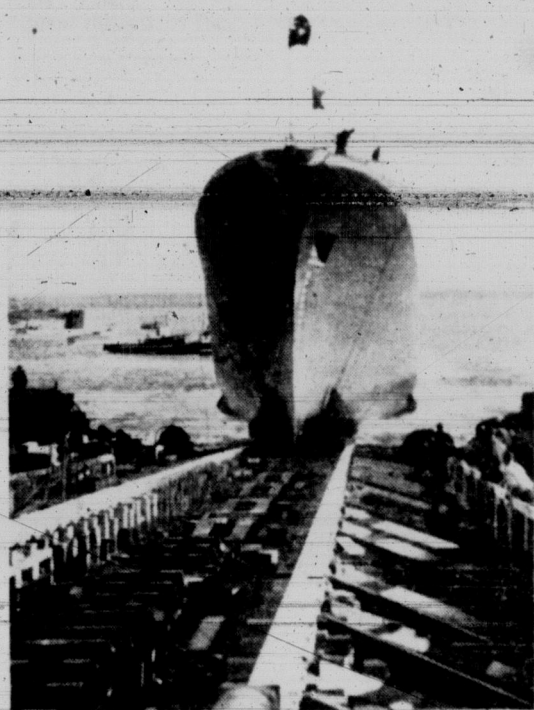
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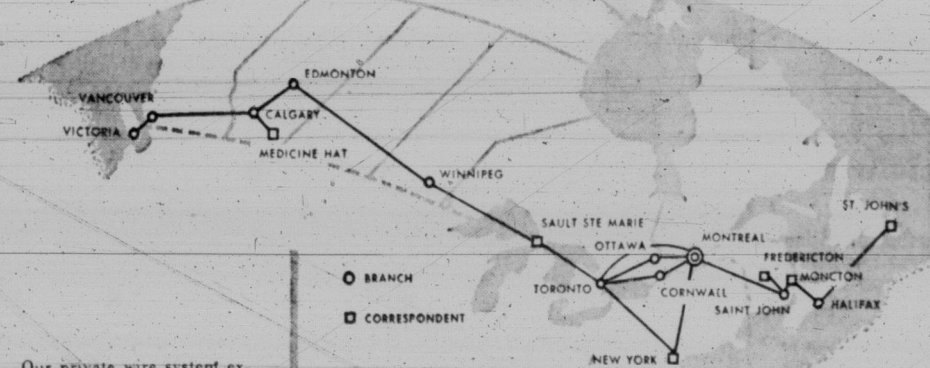
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## Latest Addition to Navy

Terra Nova, one of five destroyer-escort vessels being built for the Royal Canadian Navy on the West Coast, was launched from Victoria Machinery Depot this summer.

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# \$100,000,000 Pipeline Brings Oil To B.C. Coast

In 1945 all the petroleum needs of British Columbia had to be imported from abroad, except for a small portion supplied by Alberta wells to the Trail district.

Total consumption was under 20,000 barrels a day and part of the oil was imported in its raw form. In 1953 was completed the first of the Trans-Mountain pipeline, an 800-mile stretch from Edmonton to the shores of Burrard Inlet.

This state of affairs continued to exist until only two years ago when a remarkable change came over the situation.

The discovery in 1918 of large quantities of oil in the neighboring province of Alberta made British Columbia one of its logical markets.

But the only practical way to bring the crude to the coast was by pipeline, and that, over three mountain ranges, was a tremendous undertaking.

**PERILS OVERCOME**  
However, the best pipeline engineers in the world decided barrels of oil a day.

In addition the Royalite Company has a 3,000-barrel-a-day refinery which taps the Trans-Mountain pipeline at Kamloops, after two years of hectic con-

struction in September, 1953. It has a capacity of 25,000 barrels a day—more than the total needs of the province a few years earlier.

Catcracking plants were also installed at Shellburn, which has a 17,000-barrel-a-day capacity and at B.C. Standard's 10,000-barrel-a-day plant.

Since the war the oil companies have put over \$44,000,000 into their B.C. plants, and an extra \$6,000,000 is being spent currently.

**OIL DEMAND GROWS**  
New extensions are required to keep abreast of B.C. petroleum demands which are rising at a rate of between 5 and 8 per cent a year.

The dramatic nature of the growth is shown in B.C.'s gasoline consumption figures—85,163,527 gallons in 1945; 220,000,000 gallons in 1954.

The pipeline which brought this all about is performing its function steadily and well. Despite the terrible terrain over which it runs, it has given practically no trouble.

In addition to its main flow into Vancouver, a spur line has been built into the Puget sound area of Washington.

Here Trans-Mountain is supplying about 25,000 barrels a day to the General Petroleum refinery at Ferndale, near Bellevue, and within a few months it will also be serving the new Shell plant refinery at Anacortes. This will eventually take 80,000 barrels of crude a day from the Trans-Mountain pipe.

**THROUGHPUT GROWS**

At the moment the Trans-Mountain pipeline is delivering 80,000 barrels a day to its five main customers, but when Anacortes is opened this will be almost doubled, and Trans-Mountain will install more pumping stations along the route to meet the new demand.

It is operating at present with three pumping stations, which gives it a daily capacity of 125,000 barrels. Another pumping station will raise the throughput to 150,000, and two more will increase the total to 200,000 barrels a day.

After that it may take as many as 14 pumping stations to bring the line up to its ultimate throughput capacity of 300,000 barrels, but that is enough for all the foreseeable needs of the district for several years to come.

The next great steps for B.C.'s oil industry will be in petrochemicals and the export of refined products to lands



## Trans-Mountain Line Amazing Engineering Feat

This shows the challenging terrain which faced builders of the Trans-Mountain Oil Pipe Line, which snakes its way 718 miles from Edmonton, Alberta, to Burnaby. Built in 1952 and 1953, the line began operating in Oct., 1953, at a rate of around 85,000

barrels a day. Capacity of the 24-inch pipe line is 150,000 barrels a day and this can be increased to over 300,000 barrels daily by construction of additional pumping stations.



## Imperial Oil's Refining Centre

This is Ioco, on the north shore of Burrard Inlet, near Vancouver. Imperial Oil built its first refinery here in 1914. Its facilities were expanded when Trans-Mountain pipe line was being pushed through Rockies

to bring direct and steady supply of oil from Alberta. Fluid catalytic cracking unit enables it to turn out all grades of gasoline right down to bunker fuel. (Imperial Oil photo.)



## B.C.'s First "Cat Cracker"

The tall, black stack of the first "cat cracker" in B.C. rises 175 feet from the ground and above the twin towers of the atmospheric and vacuum distillation units at Imperial Oil's Ioco refinery. The first refinery in the province, Ioco went into production in September, 1953. Its capacity, 25,000 barrels a day, makes it one of the largest in the entire Pacific Northwest. (Imperial Oil photo.)

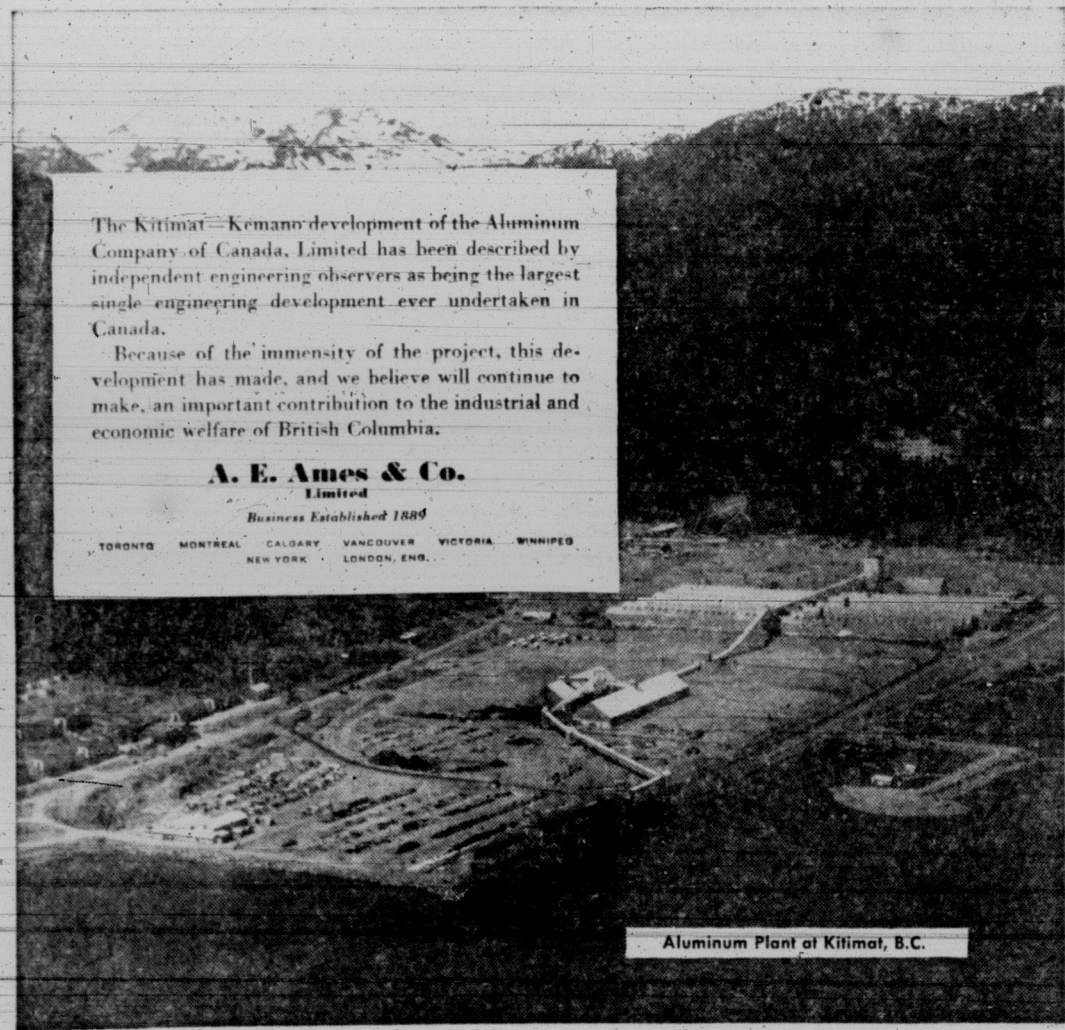
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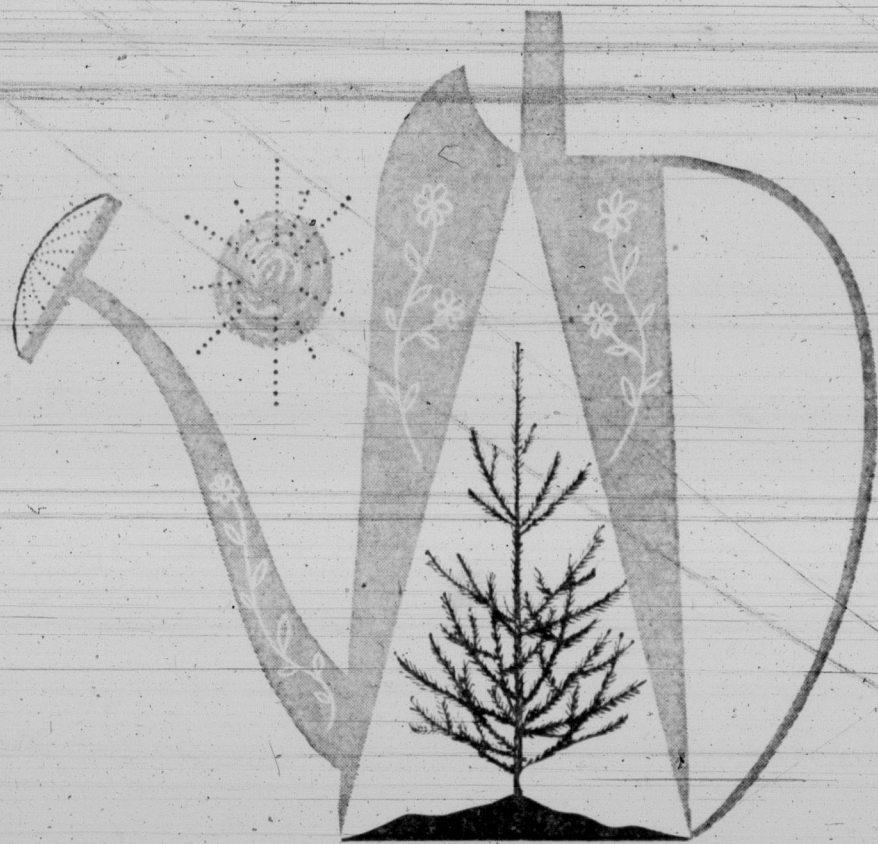
Because of the immensity of the project, this development has made, and we believe will continue to make, an important contribution to the industrial and economic welfare of British Columbia.

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# Mining Moods Many During Last 10 Years

Exciting changes in B.C.'s mining situation have taken place in the postwar decade.

The mining of gold is still an important factor, but it is no longer the backbone of the industry.

Immediately after the war the boom was in zinc and lead, and later when the prices of these metals declined, the emphasis turned to copper and other less usual mining ores.

## ASBESTOS FIND PAYS OFF

One of the most important of these, and a brand new development for British Columbia, was the discovery of a high-grade asbestos fibre deposit in North-eastern British Columbia, south of the Alaska Highway.

Worked by Cassiar Asbestos, a subsidiary of Comstock-Exploration, the mine and mill has exceeded all expectations and it has only recently completed its first full year of operation.

The present mill, near McMane Mountain, has a 500-ton capacity, but is ready to be doubled in size. It is estimated that at the 500-ton level the mine will earn \$2,500,000 a year.

The search for copper is also going on all over the province and a number of high grade but small deposits have been discovered.

## GRANBY IS BIG HOPE

The main hope for a really big operation, however, is at Granduc, some 25 miles northwest of Stewart. It is owned by Granduc Mines Ltd., a subsidiary of Granby Consolidated Mining & Smelting, and already about 30,000,000 tons of ore averaging about 2 per cent has been mapped out, and the drills are still in ore at depth. It is a wonderful prospect just as Anyox, Britannia Beach and Copper Mountain were to an earlier generation.

The Granduc ore is mainly under a glacier, and the problem of shipping the ore to tide-water at or near Stewart is a formidable one, but it can be overcome by building a 12-mile tunnel through the range of coast mountains.

If and when the road from Stewart to the Alaska Highway is completed, it is expected that a great new range of mining properties will come into economic range, and a new era for British Columbia mining will dawn.

## CENTURY OF PROGRESS

The story of mining in British Columbia is 100 years old. During the century in which records have been kept total value of mineral production has been \$3,200,000,000.

From 1945 to 1955 the story is one of new exploration sparked by inflated prices, particularly in the fields of silver, lead and zinc. The zinc boom tapered off in 1952 and has now been replaced by one in copper, the prices of which are high.

The stepped-up exploration from 1946 to 1952 saw zinc activity at Britannia and the Premier mine at Portland Canal found lead and zinc to offset its declining gold production.

The Big Bull and Tulsequah Chief mines on the Talu River, the Torbrit at Alice Arm, the Silver Standard near Hazelton and the Sil Van near Smithers, all began production.

## LEAD-ZINC ACTIVITY

Developments in the Kootenay area included re-opening of mines in the Slocan district, increased activity at Ansoorth, the revival of the Bluebell mine at Riondel, the establishment of the area from Salmo to the international boundary as an important lead-zinc area and the opening of several properties in East Kootenay.

While the decline in lead and zinc prices caused the shutdown of several of these properties, the of their department-store geiger period of expansion has kept some counters and a fortune in uranium producers still active, including Ium.

Big Bull, Tulsequah Chief, Torbrit and Bluebell.

Two other substantial producers of lead and zinc, the Jersey mine near Salmo and the Silver Giant at Among the undiscovered veins, Spillamachewen were active in 1954; there are probably new metals and the Sullivan mine at Kimberley which will be needed to withstand the remains British Columbia's incredible temperatures in principal producer of silver, lead future atomic powered machines.

and zinc, and one of the world's most important sources of these minerals.

The smelter at Trail, originally built to treat gold-copper ores from Rossland, was in 1954 considered one of the leading lead and zinc smelters in the world.

According to deputy mines minister Dr. John F. Walker, the situation in British Columbia is now "on an even keel" despite certain shutdowns.

"Conditions are about average," Dr. Walker said. "The industry is not depressed and it is not booming. Metal prices are average and the industry is generally pretty stable."

"We are fortunate in the variety of minerals available in British Columbia," he added. "We can meet changing conditions. Minerals are the only natural resource done up in little packages—concentrated supplies—to justify large investments in one place."

## NEW METALS NEEDED

He said the future of British Columbia mining will depend on the discovery of new minerals like beryllium, which use to be "mineralogical oddities" but are now needed in modern atomic research.

But at the end of 1953 21 mines closed in the province, resulting in lay-offs of 1,297 men. They were mostly zinc, lead and silver operations and in almost every case the reason was deflated metal prices.

By the end of 1954 the end of the eight-year boom in these metals began to show in total production figures.

The value of British Columbia's mineral production for 1954 was estimated at \$140,500,000 compared with the final figure of \$152,731,181 for 1953.

Reductions in total value of production occurred in gold, zinc (down from \$40,588,000 in 1953 to \$31,200,000 last year), iron (down from \$6,563,105 to \$3,550,000 in 1954). Structural minerals, including asbestos, gypsum, sulphur and other materials like lime, cement, etc., were about even in the two years.

Total value of production of principal metals rose from \$3,200,000 in 1945 to \$146,828,288 in 1954, dropped to \$110,744,788 in 1953.

## QUEST FOR URANIUM

One of the most exciting developments in the province during the last 10 years has been the quest for uranium. The magic word has sent hundreds of amateur prospectors scurrying into B.C.'s back country armed with geiger counters and \$1,000,000.

Actually, Red Spar, 80 miles north of Kamloops, is the only working uranium mine in the province where any tonnage is being produced. New discoveries have resulted in expansion of the mine and plans for full production.

Need for the costly metal in atomic research has sparked the dreams of thousands and with some justification.

"Uranium is the kind of thing an amateur could stumble on—even a badly informed and badly equipped one," Dr. Walker said. "But they have a better chance if they used good equipment and find out what they are to do and where they should look."

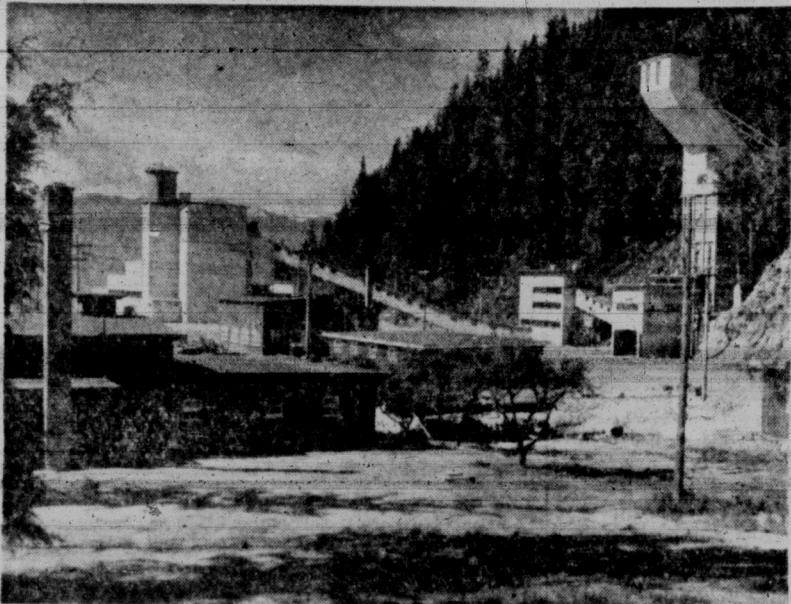
In 1953 3,700 claims have been staked in the first six months compared to 1,775 in the same period last year.

Officials say that this year there have also been 25 to 30 per cent more free miners' certificates issued than in 1954. Last year the department handed about 7,000.

EMCs to hopeful prospectors who are waiting for the magic click geiger period of expansion has kept some counters and a fortune in uranium producers still active, including Ium.

Beneath the billions of yards of rock and soil covering B.C. there is undoubtedly millions of dollars of undiscovered mineral wealth.

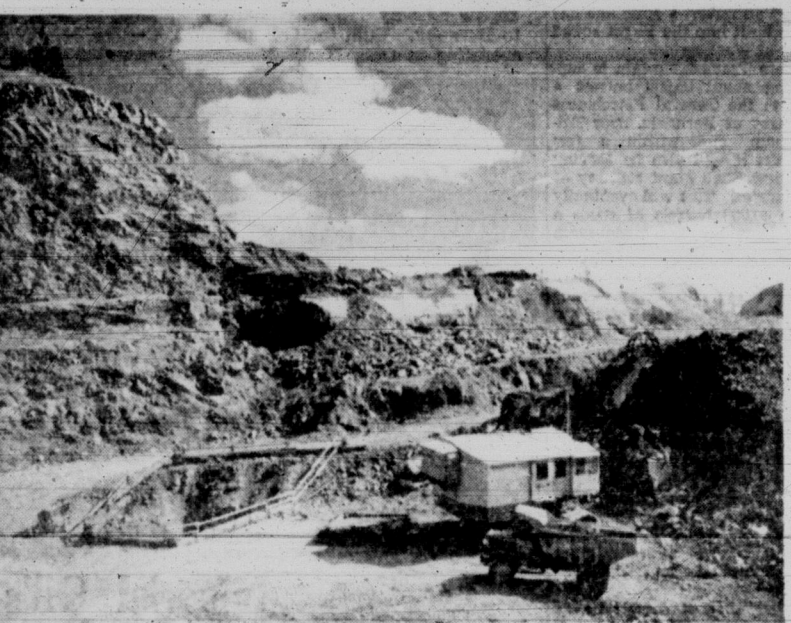
Spillamachewen were active in 1954; there are probably new metals and the Sullivan mine at Kimberley which will be needed to withstand the remains British Columbia's incredible temperatures in principal producer of silver, lead future atomic powered machines.



## New Life For Old Bluebell Mine

Headframe, concentrator and surface buildings at Consolidated Mining and Smelting Company of Canada's Bluebell Mine at Riondel on Kootenay Lake, near Nelson. This mine was discovered sometime before 1845. Ore is a lead-zinc replacement in limestone. Com-

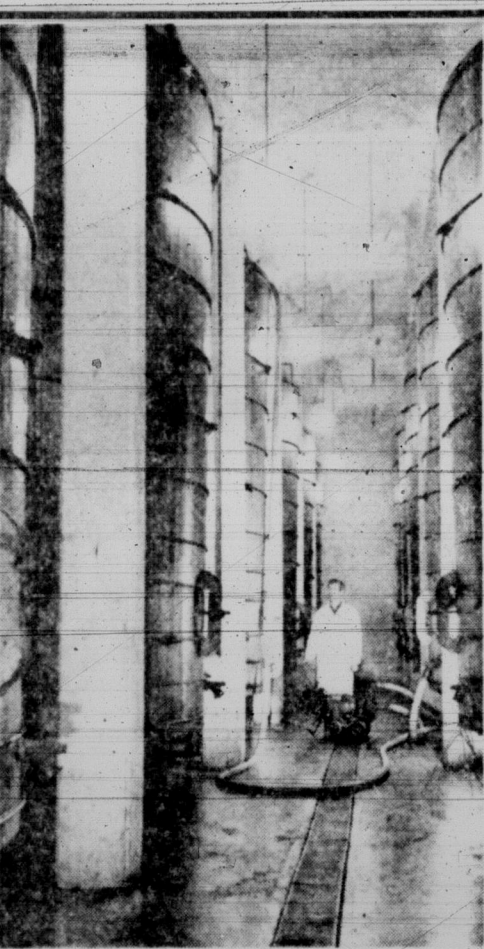
inco's development is of recent years. A 500-ton mill was constructed and placed in operation in April, 1952. Production totaled 515,747 tons to December of last year, including 163,134 tons in 1954. (Cominco photo.)



## B.C.'s "Mr. Big" in Mining

This is open pit operation at Consolidated Mining and Smelting Company of Canada's fabulous Sullivan Mine at Kimberley, near the site of discovery in 1892. This mine is the world's largest producer of lead and zinc and is the source of raw material for most of the

metals and chemical produced by Cominco. To the end of 1953, over 65,000,000 tons of ore had been taken from the Sullivan Mine and in 1954 tonnage of ore from the mine amounted to 2,681,635 tons. (Cominco photo.)



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\$100,000,000 C.M. & S. Program

## Post-War Expansion Biggest in History

Consolidated Mining and Smelting Company of Canada Limited, one of the world's largest producers of lead, zinc, silver and chemical fertilizers, has undertaken since the Second World War the biggest expansion program in its history.

The program, just approaching completion, has cost in the neighborhood of \$100,000,000.

Every phase of the company's diversified operation has shared in the modernization, expansion and development undertaking. Largest share of the huge capital outlay—more than \$40,000,000—has been invested in power development.

Biggest single item in the entire program was construction of a dam and power plant on the Pend d'Oreille River at Waneta. It was needed to supplement power produced on the Kootenay River.

Two generators, each capable of developing 120,000 horsepower, have been brought into service at Waneta and provision has been made for eventual installation of two more units of similar size. Cost of the Waneta project ran to \$25,000,000.

The power line that carries Waneta electricity the 11 miles to the company's main base of operations at Trail was completed in 1953 at a cost of \$2,000,000.

Another new power line, which the company laid from its Kootenay River plant to its operation at Kimberley and on to the Bluebell Mine, near Nelson, cost \$4,000,000.

## LEAD SMELTER CHANGED

Chief project still under way is the \$15,000,000 modernization of the lead smelter at Trail.

First phase of this project, comprising a new baghouse and 284-foot stack for handling lead blast furnace gases, was completed in 1951. The system is now successfully cleaning gases at the rate of 250,000 cubic feet per minute.

Second stage provided for construction of a new sintering plant, completed in April, 1953, and a sulfur feed preparation plant, completed and in operation in the fall of 1954.

Final phase of the smelter modernization, now under way, pertains to receiving and storage equipment.

Major changes at the company's Sullivan concentrator at Kimberley cost \$5,000,000. This was one of the first post-war undertakings.

Changes increased the capacity of the concentrator and brought into play a new "sink and float" process. To provide crushed feed

for the process at lower cost, the entire crushing plant was moved underground and housed in a chamber at the 2,800-foot level.

Fine grinding before concentration was modernized by the installation of the world's largest vertical mill.

The concentrator now treats more than 2,500,000 tons of ore per year.

## B.C. MINES OPENED

Cominco did not neglect other mining properties in its expansion development work. The Big Bull and Tulsequah Chief mines at Tulsequah, B.C., were brought into operation in 1951. By mid-1952 production had reached 500 tons a day.

Bluebell Mine, at Riondel, which the company purchased in 1927, was brought into production in 1952 after \$3,000,000 had been spent. A 500-ton capacity concentrator was erected and an attractive townsite laid out for the families of the 300 men employed there.

The company spent another \$3,000,000 readying its H.B. Mine at Salmo for production. Most of the work was completed in 1953 but the company held off mining there until this summer because of low growth of tremendous proportions.

The company now is considering bringing the Big Pine lead-zinc orebody, south of Great Slave Lake, into early production.

Chemical operations of Cominco are at Trail, Kimberley and Calgary. The initial plant at Trail, which went into operation in 1931, produces indium, antimonial lead, tin, antimony, cadmium, bismuth, gold, silver, and sulphuric acid.

Sales of Cominco products last year amounted to \$124,337,422. In 1951, its peak sales year, the figure was \$174,773,548.

Ten years ago, in 1945, its gross sales figure was \$11,517,758. Consolidated Mining & Smelting operated by Cominco on a non-profit basis as part of the war to nearly 8,000 people and its effort. In 1946 the company purchased Canada's most important industrial plant for \$7,500,000.

Consolidated Smelter was incorporated in 1906 after an amalgamation of the Canadian Smelting Works with various mining interests in the Kootenay district.

The firm took its first big step in 1910 when it obtained the fabulously rich Sullivan Mine at Kimberley, some 230 miles east of Trail. The mine is one of the world's largest producers of base metals.

To the end of 1953, over 65,000,000 tons of ore had been taken from the Sullivan Mine and in 1954 tonnage of ore from the mine amounted to 2,681,635 tons.

Cominco remained relatively small in its field until development of a flotation process for ore in 1920. Since then, the company has until this summer because of low growth of tremendous proportions.

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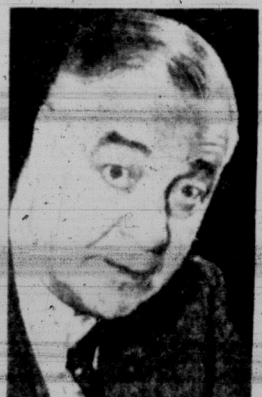
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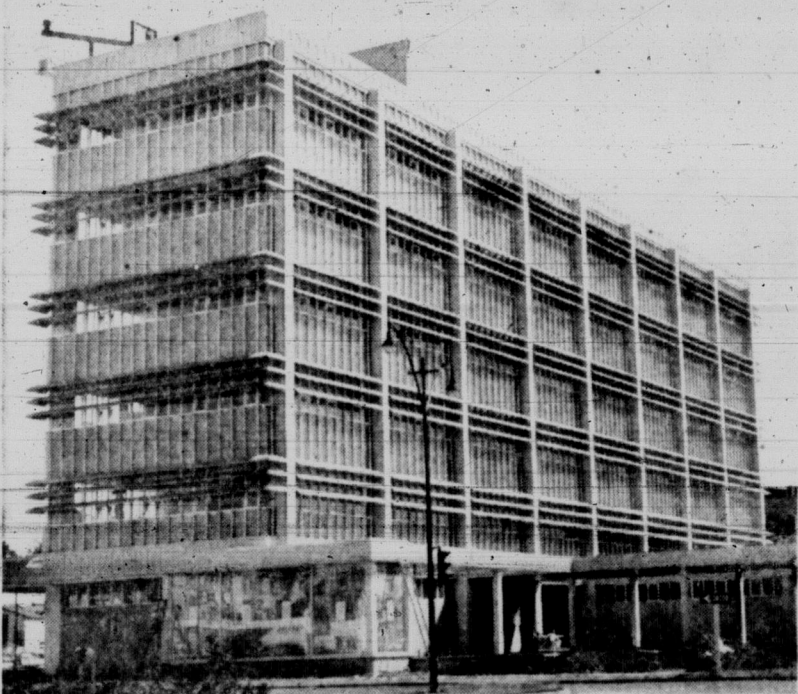
PHONE 2-6184





### Forest Firm Built This Building

One of the outstanding new buildings in downtown Vancouver is the recently-completed Alaska Pine Building. It houses all the departments of the big Alaska Pine and Cellulose Co. (Photo by Tony Archer)



### Glass House Dominates Victoria

All ready for its official opening is this new building to house the B.C. Electric Company in Victoria. The building has more glass than any other in the city.

### U.S. Good Customer

Exports to the United States period in 1953, the United States group valued at \$91,000,000 for the first eight months of 1954. Exports to the United States period in 1953, the United States group valued at \$91,000,000 for the first eight months of 1954. Exports to the United States period in 1953, the United States group valued at \$91,000,000 for the first eight months of 1954.

# Huge Sum Spent On B.C. Building

## \$3.5 Billion 10-Year Total; Biggest Portion For Homes

During the last 10 years, a whopping \$3,440,728,000 has been spent on construction work in British Columbia.

Accepting the estimate that the province's present population runs to about 1,266,000, that staggering construction total works out to an expenditure of \$2,717 per man, woman and child.

This year alone, government statisticians estimate, a total of \$520,618,000 worth of construction work will be undertaken throughout the province.

That's just about ten times as much as in 1945 and more than five times as much as in 1946, first full year of the post-war building boom.

Of the \$520,618,000 being spent on current construction, it is estimated \$293,619,000 will go into actual buildings, such as houses, apartments, office blocks, industrial plants and institutional establishments.

The remaining \$226,999,000 will go into engineering and construction undertaken in large projects, such as road and incorporated areas, cities, dis-

## Value of New Housing Shows Steady Growth

Value of construction work performed in British Columbia. Figures given are in thousands of dollars.

Type of Work	1952	1953	1954	1955*
Residential	101,100	110,500	122,400	134,500
Industrial	54,115	41,580	22,599	38,700
Commercial	33,584	47,565	46,870	50,790
Institutional	37,296	35,800	40,379	52,038
Other	9,263	21,524	17,185	17,591
<b>Total building construction</b>	<b>235,268</b>	<b>256,969</b>	<b>249,433</b>	<b>293,619</b>
Road, highways and air-drome	72,389	59,464	56,602	62,749
Waterworks, sewerage	11,349	15,638	11,340	16,308
Dams, irrigation	30,762	33,410	8,156	2,493
Electric power const.	83,044	66,923	49,117	41,082
Railway, telephone, telegraph	30,307	35,796	32,270	32,899
Gas and oil facilities	29,367	46,335	14,601	10,616
Marine construction	16,403	18,219	14,029	10,394
Other	4,993	19,746	15,397	17,460
<b>Total engineering construction</b>	<b>278,705</b>	<b>295,591</b>	<b>201,498</b>	<b>226,999</b>
<b>TOTAL VALUE OF ALL CONSTRUCTION</b>	<b>513,973</b>	<b>552,560</b>	<b>450,931</b>	<b>520,618</b>

\*Estimated. Source: Dominion Bureau of Statistics, "Construction Industry in Canada."

### Japan Buys

### B.C. Exports

Japan increased her imports of products exported through British Columbia ports in 1954. Japanese purchases during the first eight months of 1954 were 41 per cent higher than during the corresponding period of 1953.

Increased purchases of wheat and other cereal products accounted for most of this change. Japanese purchases during the eight month period under study accounted for 15 per cent of the total volume of exports through British Columbia ports.

One hundred new diesel-electric locomotives were placed in service by the Canadian National Railways during 1954.

## Dwellings Up By 38,321 In Five Years

New dwellings completed in B.C.

1950	8,560
1951	6,683
1952	7,028
1953	7,503
1954	8,547

Five-year total 38,321

strict municipalities and villages.

### VANCOUVER LEADS

Last year, the total value of building permits issued totalled \$164,749,000. Vancouver city led all other areas in the value of building permits and this year expects to set a new all-time record in this field.

Building permits issued in Vancouver from Jan. 1 to July 31 this year totalled \$32,403,758. This is only \$18,344,997 short of the full-year record mark of \$50,748,755 set in 1953.

British Columbia's construction labor force is estimated now to total about 50,000. The Dominion Bureau of Statistics made a count in 1953 and found 47,678 workers engaged in the industry that year.

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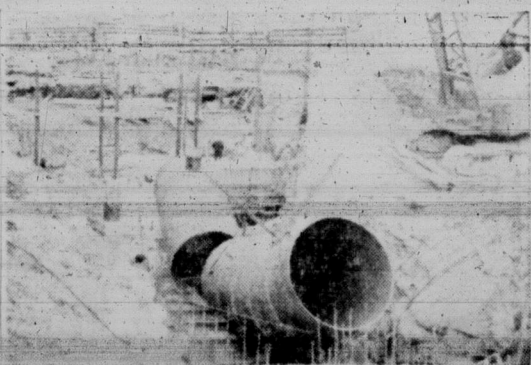
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This year an estimated \$44,082 is being spent throughout the province on electric power construction projects. This shows the laying of huge penstocks to serve B.C. Power Commission's Puntledge plant on Vancouver Island.

## YOU... and your health!

Do you know that your local health department offers you and your family various services designed to improve Maternal and Child Health, School Health and Community Health?

Among these are: Parentcraft Classes, Child Health Conferences, Pre-school Examinations, School Medical Examinations, Tuberculosis X-rays, and the Protection of Community Milk, Food and Water Supplies.

Some lesser known but equally important services are provided by the Health Branch through local health departments including hospitalization for tuberculosis, Venereal Disease Control, Nutrition, Public Health Education, Laboratory, Engineering and other allied services.

A telephone call to your local health department will place these services at your disposal.

## HEALTH BRANCH

Department of Health and Welfare

HON. ERIC MARTIN Minister  
DR. G. F. AMYOT Deputy Minister

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We suggest it is worth your while to discuss this outstanding equipment, proven beyond all doubt over the past twenty-five years for its amazingly low fuel consumption. The fuel cost reported by owners will average less than \$85.00 a year for the average five-room home, the ratio of economy increasing for larger homes.

The same efficiency is found in the General Electric Hot Water Boilers for those heating with water.

Without obligation, we will be pleased to send a competent representative to discuss this equipment further and to estimate the cost of an installation.

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# New Highways Open B.C.

**\$264 Million  
For New Roads  
In Ten Years**

During the past 10 years British Columbia has doubled its mileage of hard-surfaced highways, in a program aimed at the complete rebuilding and paving of the arterial highway system.

The mammoth road program during the 10-year period has cost \$264,245,831, and the job is not complete.

This year alone, some \$43,000,000 will be poured into the province's vital highway network, through some of the toughest road-building country on the continent.

B.C.'s mountain passes, rushing rivers and thousands of creeks and gulches combine to push road costs into the stratosphere. In the Fraser Canyon Trans-Canada Highway, construction crews have expended up to \$1,000,000 a mile on reconstruction.

While the basic aim of the highways department has been to bring existing arterials up to modern standards, so they can handle the flood of new cars and trucks hitting the road each year, millions of dollars have been spent opening up new territory through spectacular road links.

## PEACE RIVER ROUTE

The most significant new road built during the decade is the John Hart Highway, a gravel ribbon linking the fertile Peace River area with the rest of British Columbia, and tying the provincial road system to the Alaska Highway.

This "Great North Road" cost \$17,000,000 to construct. Connecting Prince George in the central interior with Dawson Creek in the Peace, the Hart Highway cuts 600 miles off the old route between U.S. and B.C. points west of the Rockies and Alaska.

The scenic 257-mile highway opened in April, 1952, provided the Peace with its first physical link, aside from air travel, with other parts of B.C.

Construction crews each year add miles of hard-surfacing to the highway.

## HOPE-PRINCETON ROAD

The second major new highway built in the past 10 years, the Hope-Princeton Highway, is a fast connecting route between Vancouver and the Okanagan and Kootenay valleys.

Its completion opened up the entire southern interior of B.C. to further development.

The Hope-Princeton, located through spectacular mountain scenery, cost a total \$15,000,000. It is hard-surfaced throughout its length.

## 1,500 MILES PAVED

Aside from these two major feats of highway engineering, B.C. since 1945 has poured millions into its surfacing program, so today the province has 2,748 miles of bituminous surfaced road, compared with 1,330.51 miles in 1945.

Ten years ago, there were 21,882 miles of road in B.C. and today 22,790 miles, illustrating the emphasis that has been placed on re-constructing and re-surfacing, rather than new construction.

The mileage of gravel highway has increased from 7,857.08 miles in 1945 to 8,726 miles today, and concrete surfaced mileage has climbed from 108 miles to 216 miles.

This year's road program, including \$6,000,000 from the federal government for Trans-Canada highway work, will amount to almost 10 times the 1945 expenditure, \$43,000,000, compared to \$4,585,000.

The following table lists road expenditures during the 10-year period. Figures do not include Trans-Canada highway contributions by the federal government:

Fiscal Year Ending	March 31, 1945 to 1954	Total
1945	.....	\$4,585,000
1946	.....	7,358,000
1947	.....	10,916,000
1948	.....	21,528,000
1949	.....	22,024,000
1950	.....	38,209,000
1951	.....	26,759,050
1952	.....	26,867,248
1953	.....	64,451,852
1954	.....	33,947,681
1955	.....	37,600,000

Here is an outline of the work accomplished on the province's vital arterials:

## TRANS-CANADA HIGHWAY

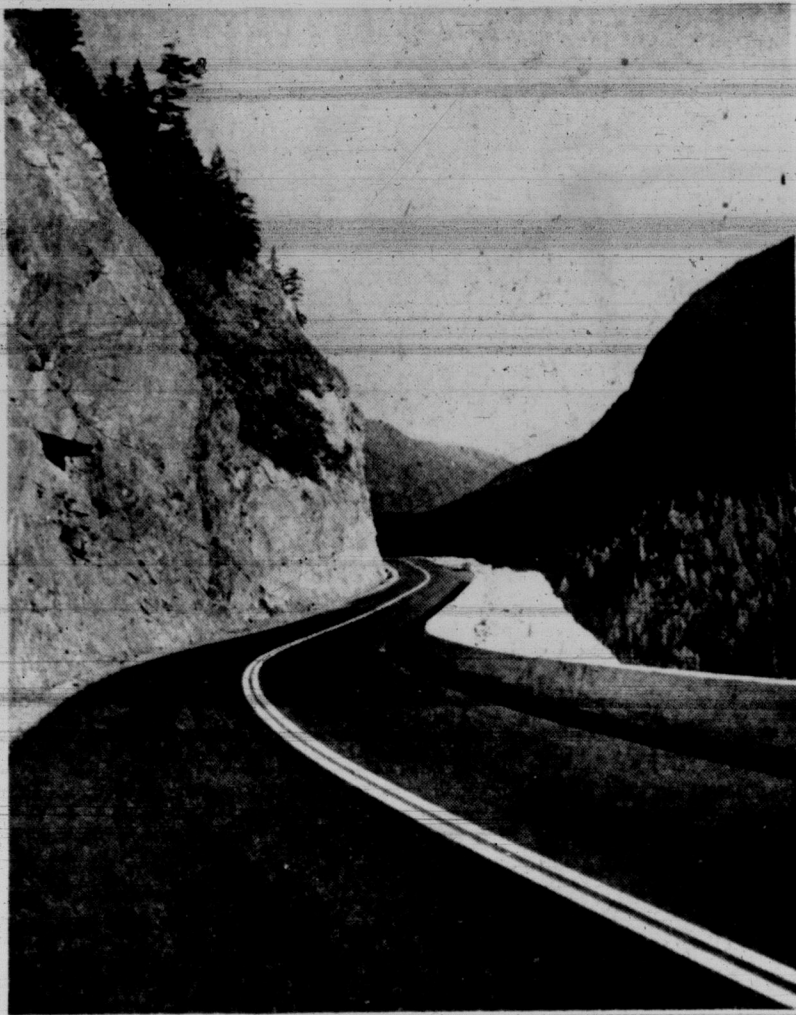
Of the total 695.05 miles of the Trans-Canada, reaching from Victoria to the Alberta border, 199.77 miles are paved to standard, including the toughest sections through the Fraser Canyon.

Some 227.7 miles are paved, but substandard, 53.46 miles are under construction, and 36.70 miles are scheduled for completion this year.

## SOUTHERN TRANS-PROVINCIAL

Winding 604 miles across the mountainous southern part of the province, the Southern Trans-Provincial is nearest to completion of the arterials.

Some 464.92 miles are paved to standard requirements; 92.58 miles are paved but substand-



Terrific scenery is feature of B.C.'s Hope-Princeton Highway. (B.C. Government Photo)

ard, and 15.75 miles are scheduled for completion this year.

## CARIBOO HIGHWAY

Some 281.10 miles long, the Cariboo Highway reaches north from Cache Creek, where it branches off from the Trans-Canada, to Prince George. The road is paved to standard for 138.34 miles, mostly at the southern end between Cache Creek and Lac la Hache.

About 16.62 miles are substandard paved, 37.64 miles are under construction, and another 21.08 miles are proposed for construction this year.

## NORTH TRANS-PROVINCIAL

This highway crosses B.C. from Prince Rupert on the coast to Yellowhead Pass on the Alberta border. Earliest from completion, it is paved for only 68.40 miles of its 133 miles. Remainder is gravel.

## B.C. Supply Firm Expands

Acock, Downing & Wright Ltd., British Columbia plumbing supply concern, is expanding its business and has erected a new building in Victoria at the Fountain Circle.

The new building, designed by architects, Wade, Stockhill and Armour, houses showrooms, offices and warehouse for the handling of plumbing supplies.

## C.A. — A Proud Title

The Institute of Chartered Accountants of British Columbia this year celebrates its Golden Jubilee, marking fifty years of auditing and other technical services to business, government and social agencies in Western Canada.

Since its founding in 1905 the Institute has grown from five members to 720. By establishing strict standards of education and training and by strict adherence to a high code of ethics the Institute has developed a professional group which contributes much to British Columbia's progress.

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# Forest Industry Advances Into New Technical Phase

## Decade of Development Sees New Ideas Proven

More than any other pursuit in British Columbia, the timber industry in the postwar years moved from what in many senses were pioneering stages into a new realm of maturity.

Technological advances in logging camps and mills, progress in government policy toward the use of forests, and improvement in working conditions all combined to make the industry something much different to what it was in the war and pre-war years. And everyone — the investor, employee, operator, and even the public — has benefited.

Lands and Forests Minister Robert J. Sommers described this exciting and rapid-moving period as follows:

"The 10 years from 1945 to 1955 in the forest industry of British Columbia has been the decade of decision and the decade of development. First, we had the concept of managing our forests on a continuous production basis and making more complete use of the wood that is available in the woods, then came the change-over to integrated utilization plants. Our people are beginning to reap the benefits from these changes in terms of stabilized employment and more completely manufactured products, which in turn means more people employed. Today this 'new look' has proven itself and is the foundation of our future solvency."

### METHODS HAVE CHANGED

Although all changes have been gradual, they have been so constant and so widespread that the old-timer returning to the industry would find himself quite befuddled by what was going on around him.

A quick look from standing tree to finished lumber or plywood panel will show major advances at every step.

A stately fir, five feet in diameter at the butt and towering close to 200 feet in the air, is approached by a set of rollers. They do not carry a hand-saw, steel wedges, springboards and

double-bit axes. Instead, they have a light power saw, special axe, a magnesium wedge that goes in one feller's pocket, and a tin of gasoline.

A jerk on the starting cord, the motor snarls and a notch is cut on the side of the tree facing the line of fall. A single chop with the tiny adze blade of the axe and the undercut is finished. A quick cut on the other side of the tree, insertion of the wedge, another few "tosses" with the saw, and the forest giant topples.

It would have fought off hand fallers for from 15 minutes to half an hour, but the power saw crew disposed of it in about two minutes. And with very little effort.

Behind them is the buckler, who usually pulled a heavy cross-cut saw all day, working alone and running all the risks of roll-g logs and razor-sharp tools. Today he too carries a power saw, light enough for one man to carry, and accomplishes three times as much with one-third the effort.

Output of energy has dropped for fallers and buckers, but know-how is still required by large quantities. Greenhorns who thought the power saw was the answer to all problems when it came into general use in the late war years had some "rightful" comments.

### AN END TO STEAM

The log is pulled to roadside by the diesel-powered yarder that has just about chased the spectacular old steam donkey out of the woods. It is loaded on a truck that "wrote" the era of railroad logging through its lowered capital investment, ease of maintenance, flexibility, and ability to scramble about on mountain grades that simply could not be considered with rails and locomotives.

Even booming has changed since the war. Bundles are made up to triple the capacity of a standard section, and on Vancouver Island's west coast self-dumping log barges have outmoded even the boom itself.

But once at the mill, the old-timer, accustomed to flashing circular saws and frantic work on the part of mill hands, would find that he was indeed old hat.

### BARK RIPPED AWAY

On arriving at the top of the jack-ladder, the log goes through a hydraulic log barker that rips the waste bark away with water at pressure that will cut a log in two. (It actually will — crews have done it out of curiosity.) Next it sails through a huge bandsaw that makes a cut of barely one-eighth of an inch instead of the 3-inch kerf taken by the old circular saw.

Instead of a setter and two doggers strapped to a shot-gun carriage, automatic saws in the modern mills permit the sawyer to do his own setting. No longer are three men, or in other cases just the setter, required to be exposed to the noise, danger, and discomfort of riding a high-speed carriage.

And no longer is lumber handled — except on the green chain — where it takes the human eye to choose between No. 2 hemlock and No. 3 fir. Machines such as powered conveyors, live rollers, traveling chains, lumber pilers, and the fork lift



### Trucks End Railroad Logging

Fast, powerful trucks like this one have brought the era of railroad logging to an end through lower cost, easier maintenance, and flexibility.

Trucks have taken the back-breaking drudgery out of saw-mill work. At every turn automatic machinery and labor savers are being introduced to reduce costs by eliminating unnecessary help, and to make life more pleasant for the remaining men.

### USES FOUND FOR JUNK

The foregoing concerns mills handling big, clean logs that can be handled economically to produce top-grade lumber. But what about the "junk" that current economic conditions demand must be used?

There are salvage mills for just that kind of material, and one of the best of them is operated at Port Alberni by MacMillan and Bloedel Ltd. Key to profitable operation is speed; made necessary by the small volume in a little log, and the heart of the mill is the multiple "swede" saw or battery of parallel saws that zip up and down like a giant zig-zag and rip the log into planks as it is forced through under power.

Judicious design and flow of material, and widespread use of power, enables the salvage mill to show a respectable return even when compared with the "big kids," and it is a joy to operate.

The end product of a sawmill has changed little, except for closer attention to grade and more precision in cutting to close dimensions. The outstanding feature of the modern mill is the greatly increased amount of goods produced for a given volume of raw material as compared to that of former years.

Nothing is wasted. Dozens of clanking conveyors carry every bit of waste material such as slabs and sawdust to chippers that ready it for the pulp mill, and the absolute trash goes to the boiler room to provide a mits itself to be sliced into

part — or even all — of the steam power needed in the mill.

Certainly the trash is exploited to the utmost in a modern mill, but so is the cream.

### NEW ERA OF PLYWOOD

New and wonderful water-proof glues developed during the war changed plywood from a soft, delicate, definitely secondary material to something sturdy, enduring, and beautiful.

Plywood undoubtedly is the "wonder boy" of the industry today, and provides an even greater return per cubic foot of No. 1 lumber than the actual cutting of lumber. It is strong, its staggered grain construction makes it virtually impossible to split, and about nine times as strong as natural wood of the same thickness.

Douglas fir, a wood with a beautiful grain, can stand up to many of the more exotic woods when used in plywood panels for interior finishes. It is even hard enough to make a durable floor, and when used to make concrete forms can be used over and over again. This saving of material is considerable, but since plywood sheets are in exact sizes, speed of construction of all types effects a further saving.

### HELPS PRAIRIE FARMER

One of British Columbia's best plywood customers is the prairie farmer. Building a new barn, machinery shelter, or any one of the various types of accommodation needed on a farm is easy when using identical plywood sheets. Time is saved by today's busy mechanized agriculturalist, and the structure is completely wind-proof, thanks to the amazing versatility of wood that permits itself to be sliced into



### Tahsis Inlet Busy Logging Centre

One of the main centres of operation of the East Asiatic Lumber Company is Tahsis Inlet, on the west coast of Vancouver Island. This picture shows the town and booms of logs in the harbor.

paper-thin sheets, then bonded together to form panels ranging in thickness from one-quarter to three-quarters of an inch.

These changes, though, are but superficial when considered beside the new policies that will ensure a stable and perpetual yield of timber.

Improved logging methods, active replanting programs, improved fire protection, a greater sense of responsibility on the part of the logger, all will contribute their share in protecting this great natural resource, but the greatest perhaps is the forest management licence.

### RULES ARE STRICT

Arguments are being waged right now regarding the granting of logging rights in perpetuity to a private individual or firm, but the licensee does not have everything his own way either. He must put into his license all the timber he owns, then manage it under government direction.

He must handle his forest to give a perpetual crop, and must protect it at his own expense against fire and insect damage. Replanting on burned areas also is his responsibility. Each year he must submit a logging plan to the forest service, and accept the stumpage rates it sets for the following year's cutting.

It behooves him, then, to make full utilization of his harvest. Waste is too expensive.

A glance at the record shows that new policies are paying a handsome return to the province. In 1945 the total scale amounted to 3 billion board feet, with none of this on a sustained yield basis. The total scale for 1954 was over 5½ billion board feet, of which 160 million came from management licences on a sustained yield basis.

Today more than 3 million acres of productive forest land are under forest management licence with a sustained annual allowable cut estimated at 729 million board feet, and public working circles account for another 8 million acres with an allowable cut of 900 million board feet.

### PRODUCTION TRIPLED

In 1945 the forest industries as a whole employed 37,121 persons, and today they boast 60,000. Ten years ago total wages paid in the forest industry amounted to \$70,000,000, and this year it will reach \$205,000,000. Total value of production in 1945 was \$148,000,000, and the total net value of production in 1954 was a husky \$238,000,000.

"B.C.'s future forest economy will depend on the smaller dimensions of timber," said Mr. Sommers in summing up the forest picture. "We must utilize everything we can. We must work actively at sustaining this industrial giant that accounts

for 40 per cent of our provincial income."

"Ten years ago the need for 'new look' has proved itself and the new concepts of administration, utilization, and industrial solvency."

responsibility was sometimes doubted," he said. "Today this 'new look' has proved itself and is the foundation of our future."

### Heads M. and B.



H. R. MacMILLAN

Formerly chief forester of British Columbia, Harvey Reginald MacMillan has risen to eminence as one of the great industrial figures of the province. He is chairman of the board of MacMillan and Bloedel, and B.C. Packers and is on the directorate of many other industrial and commercial concerns. Mr. MacMillan, an ambitious lover of a man's farm as a hobby and has two model farms near Qualicum Beach. He is also a leader of Canadian-British trade development. (Photo by Karsh.)

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## Lumber Town On Lakeside

Youbou, on Lake Cowichan is one of the main centres of operations of B.C. Forest Products Ltd. It has a sawmill and green veneer plant.

### Tug Chief



HAROLD ELWORTHY

With their black and red funnels, the tug boats of Island Tug and Barge are to be seen all around the B.C. coast. Head of the go-ahead Victoria company is Harold Elworthy who has built up his fine fleet chiefly from war surplus vessels. Log-towing keeps the Island Tug fleet busy, but a big business in towing chip barges has developed along with the pulp and paper industry, while the company is also experimenting with self-tipping log barges which it is constructing from old coastal oil tankers.

*a helping hand  
wherever needed!*

Wherever there exists an urgent need, or where family problems call for assistance, the services of the Social Welfare Branch are available to give a timely helping hand.

Whether the problem is brought about by old age, sickness or misfortune, the social workers throughout the Province stand ready to give the fullest measure of help and assistance possible, together with counselling services, whenever required.

Old-age Assistance, Social Allowances, Mothers' Allowances, Blind Persons Allowances, Disabled Persons Allowances, Child Protection and Adoption Services plus medical, drug, optical and hospital care to all receiving such assistance are part of the many services given.

## SOCIAL WELFARE BRANCH Department of Health and Welfare

HON.  
ERIC MARTIN  
Minister



C. W. LUNDY  
Deputy Minister

# New Forest Giant Enters V.I. Pulp Field

Founded in 1946, the merger of three existing British Columbia logging companies, the B.C. Forest Products Ltd., has grown into one of the giants of the forest industry in the past decade.

A leading producer of lumber, plywood and veneer, as well as holder of valuable woodlands on Vancouver Island, B.C., Forest

Products is about to embark into the pulp industry.

It has by agreement with the provincial government secured an additional forest management licence which will give it sufficient perpetual yield of timber to keep running a pulp mill.

This, it is expected, will be built within the next two years at Crofton, a tidewater

site between Chemainus and Duncan on Vancouver Island.

Since its formation B.C. Forest Products has aimed towards the complete integration of its forest activities and the elimination of waste.

When formed in June, 1946, B.C. Forest Products had 1,400 employees on Vancouver Is-

land. Now the total has grown to 2,285.

In 1950 the company started a second shift at its big Victoria sawmill, adding 200 employees to the payroll.

A year later it built booming grounds in Esquimalt Harbor with jobs for 25 more.

In 1952 the plywood plant adjacent to the Victoria sawmill was completed and it employs

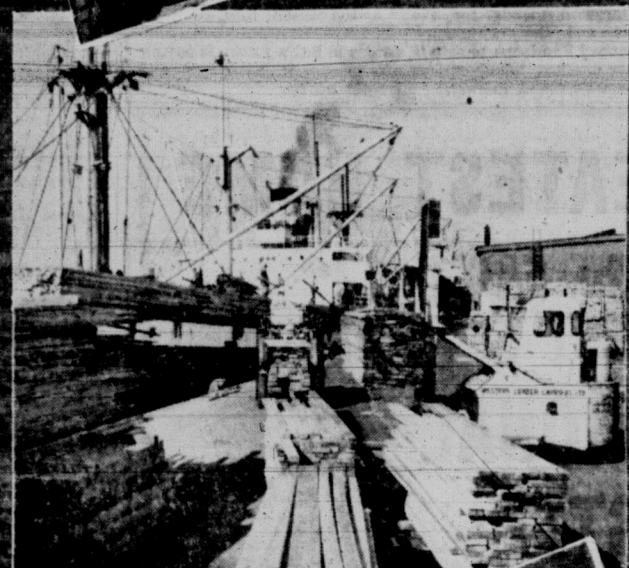
500 persons with an annual wage of \$1,750,000.

In 1953 the green veneer plant was opened at the company's Youbou operation on Lake Cowichan. This found employment for an extra 100 persons.

The company will shortly raise about \$25,000,000 needed for the construction of its new pulp mill.



FROM GROWING TREE TO  
FINISHED PRODUCT . . . .



## 10 MAJOR FIRMS UNITE TO SERVE Victoria Builders

THE MOORE-WHITTINGTON LUMBER CO. LTD.

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P. W. SAWMILLS LTD.

ELDER TIMBER CO. LTD.

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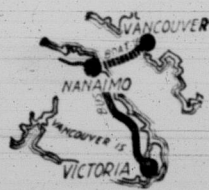
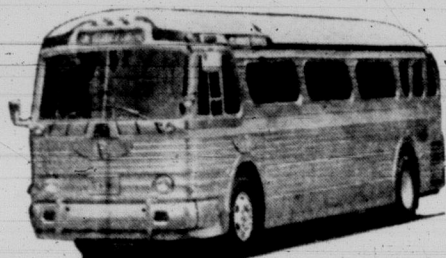
NANAIMO SAWMILLS LIMITED

Our logging camps harvest the forests of Vancouver Island; our mills and factory produce the quality lumber for which we are famous. Our complete organization offers every facility in service and supply, employing over 450 men to swell the wage rolls of the Island. Industrial construction, home building or modernization . . . whatever the project we have the right building materials in the quantity desired.

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## GO by BUS—the Scenic way to Vancouver and Up-Island



## 7 Return Trips Daily from Victoria Via Duncan and Nanaimo

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**MODERN COACHES**—First with the finest in Canada! The new Coach Lines "Air Ride" buses are fast, incredibly smooth-riding. With their wide vision, filter glass windows, air foam armchair seats and air-conditioning, they are the last word in luxury comfort.

**SPECIAL SERVICES**—Coach Lines provide speedy, safe, comfortable transportation for every need—thrifty One-Day Excursions to Island beaches and beauty spots—Charter Coaches for group outings—fast, economical Express service to most Island communities—complete Travel Bureau facilities to all North America.

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# Secondary Industries On Upswing

Number of B.C. Businesses More Than Doubled in 10 Years

One of the most spectacular features of British Columbia's development during the last decade has been the sharp upswing in the number and nature of her secondary industries.

It was bound to come, of course. The three-way combination of a growing population, vast natural resources and abundant power called out and demanded it.

Yet the extent to which manufacturing enterprises have taken hold in B.C. since the end of the Second World War has surprised even those who predicted their coming.

And though B.C. still relies principally on such basic industries as forestry, fishing, mining and agriculture, the trend toward secondary industries has given the majority of citizens a great measure of satisfaction. It has been heralded many ways: for creating jobs, for bringing in new capital, and for showing the rest of the world we aren't just hewers of wood and drawers of water.

In 1945, there were 2,326 establishments in the province which could properly be designated as manufacturing industries. They gave work to about 88,000 people.

Today there are more than 5,000 such establishments, scattered throughout B.C., giving jobs to an estimated 100,000.

British Columbia ranks third among all Canadian provinces in value of manufactured goods. The estimated gross value of production for 1954 was \$1,120,000,000.

In 1952, there were 1,363 new companies incorporated with an authorized capital of over \$123,000,000. In 1953, this figure soared to a total of 1,786 companies, and in 1954 there were 1,786 new companies incorporated with a total capitalization of approximately \$177,000,000.

**VARIETY OF GOODS**  
Television sets, steel pipe, clothing, furniture, chinaware, radios, cement, plastics, window glass, bath tubs, diesel engines, steel wire, turbines, dry ice and radar equipment are just some of the things which are now being turned out in B.C. plants both for sale within the province and abroad.

A partial list of some of the individual enterprises that have been responsible for broadening the industrial base of B.C. is as follows:

- (a) a new plant in Port Moody where television receivers and radio sets are made.
- (b) a \$1,000,000 plant in Vancouver, built as an addition to an existing industry for the manufacture of wire rope.
- (c) construction in New Westminster of a \$1,000,000 plant to manufacture corrugated paper boxes.
- (d) production of coal briquettes at a new \$650,000 plant at Michel.
- (e) Nickel-cadmium batteries being manufactured for the first time in Canada at a new plant in Vancouver.
- (f) a new \$6,000,000 oil refinery plant at Kamloops.

## Heads Utility Colossus



A. E. "DAL" GRAUER

Distributors of electricity and gas and operators of the public transportation in Victoria and Vancouver, B.C. Electric is one of the largest power utilities in the country. Its president, Dal Grauer, has seen the company's electrical output expand three and a half times since 1945. B.C. Electric is also slated to distribute natural gas when it comes to the province.

The growth of industry in this province is illustrated to some extent by the following table of gross values of manufactured production, although there have been large influences of economic depression and war stimulation.

Gross value of Manufactured Production in B.C.  
1910 ..... \$ 65,204,236  
1920 ..... \$ 230,256,725  
1930 ..... \$ 241,121,932  
1940 ..... \$ 311,046,478  
1950 ..... \$ 1,133,016,956  
1954 (est.) ..... \$ 1,120,000,000

**CONTAINERS FOR BREAKFAST FOODS**  
More than a third of the amount spent on raw materials for the prepared breakfast foods industry goes for containers and packaging material.

# B.C. Manufacturing Figures Show Startling Increase At All Points

Principal Statistics of the Manufacturing Industries of British Columbia, 1945-1954

Year	Establishments No.	Employees No.	Wages \$	Cost of Materials \$	Net Value of Products \$	Gross Value of Products \$
1945	2,326	87,974	160,419,133	305,759,836	307,954,519	628,903,124
1946	2,731	73,484	137,506,645	335,708,533	293,352,652	644,527,898
1947	3,040	83,161	167,282,667	453,670,677	388,702,178	858,284,592
1948	3,525	86,599	193,954,224	549,275,003	417,600,758	985,516,621
1949	3,493	82,934	196,403,722	531,112,329	409,665,348	959,008,088
1950	3,696	87,375	216,656,977	634,177,837	479,606,261	1,133,016,956
1951	3,897	93,647	262,626,283	789,840,417	592,448,565	1,404,880,341
1952	4,225	92,667	283,531,000	751,011,000	556,173,000	1,332,482,000
1953	---	94,617	303,100,000	722,938,000	634,310,000	1,384,477,000
1954	---	---	---	---	---	1,420,000,000

Source: B.C. Bureau of Economics and Statistics

## Way Open for New Industry

The giant new enterprises at Kitimat and Taku are being undertaken because of the availability of water power, and their importance can hardly be overestimated.

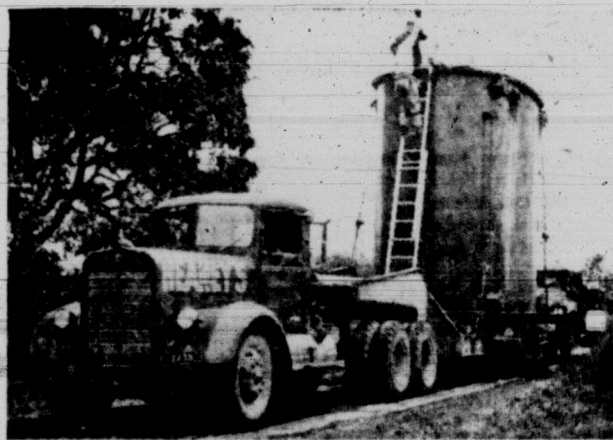
In addition to the economic value of their primary objectives—the smelting and refining of metals from imported ores—they will provide avenues for the development and utilization of British Columbia resources heretofore relatively inaccessible or sub-marginal.

Already plans are being worked out for the establishment of forest products industries, including pulp and paper, in the Kitimat area.

# 1890-1955

## Moving With Victoria for 65 Years.

Heaney's have engaged in every type of moving job since pioneer days in Victoria and Vancouver Island. Today the Heaney organization, with a staff of 110 experienced moving people and a fleet of 67 motor vehicles, stands ready to serve the fast-growing communities adjacent to Victoria.

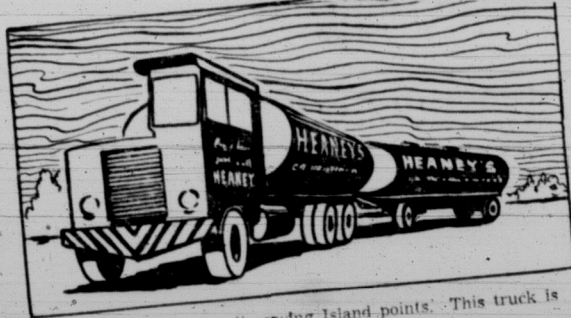


A few of Heaney's trucks, designed and built for the diversified service which has become an important feature of the Island's largest moving firm.

Shown Above . . . one of Heaney's heavy-duty low-bed trucks transporting a 55-ton transformer.



At Right . . . a giant 34-ft. Heaney Allied Van which carries household goods direct to any city in Canada or the U.S.A.



60-ft. oil transport unit serving Island points. This truck is powered by a 200-h.p. Cummins Diesel.

FOLKS SAY...  
"BIG OR TEENY  
just call  
HEANEY"



One of Heaney's cranes, a familiar sight at major building projects.

# HEANEY'S



An Invitation To Investigate

## British Columbia's

- LOW COST POWER
- BASIC MATERIALS
- TRANSPORTATION
- PLANT SITES
- DOMESTIC AND EXPORT MARKETS
- FAST-GROWING POPULATION
- LABOR SUPPLY
- CLIMATE AND LIVING CONDITIONS

The facilities of this Department in trade and industrial information and in provision of research and statistics on all phases of our economy are at your disposal.

## Department of Trade & Industry

T. L. STURGESS  
Deputy Minister

HON. RALPH CHETWYND  
Minister





What Annacis Island Industrial Estate will look like when it is completed is shown in this artist's sketch. The island on the Fraser near New Westminster is of

1,260 acres. It is a completely self contained industrial unit with all services laid on. It is expected to take about 15 to 25 years to complete.

# Annacis Island To Become Biggest Industrial Estate

**Directs Operation**

**Now Being Constructed At Cost Of \$225,000,000 by Britons**

**Head Builder**



Gen. Sir. Ourey L. Roberts, General Sir of Annacis Island. He is the chief Canadian representative of Grosvenor Estates, the family trust of the late Duke of Westminster, who visualized and planned Annacis shortly before his death.

On an island in the Fraser River, one mile west of New Westminster, the Annacis Industrial Estate is being built. When completed it will be the most complete industrial estate in North America and it will be as big as downtown Vancouver.

It is being constructed at a cost of \$225,000,000 and was officially opened in July, 1955, by Hon. Ralph Campney, Canadian Minister of National Defence.

Behind the great venture are the Grosvenor Estates of London, which owns 650 acres of London's Belgrave, Grosvenor Square and Mayfair, and is the family trust of the late Duke of Westminster, who was one of Britain's biggest landlords.

**VISUALIZED BY DUKE**  
The duke on a visit to British Columbia visualized and planned the Annacis Island development a few years before his death in 1933.

It is claimed that Annacis provides unique services and amenities which give tenants a competitive advantage.

Its buildings and building sites are available to industry on a leasehold basis, and this allows a company to occupy custom designed premises without using its own capital for construction.

The entire estate will be limited to industry and the accompanying facilities such as banks, post offices, shops, restaurants and parking lots.

Annacis Island is 3 1/2 miles long, one mile wide at broadest point and contains 1,260 acres.

It is situated around the eastern tip of Lulu Island and is situated between that island and Delta Municipality in the Fraser River. The eastern end of Annacis Island is about one mile from the New Westminster docks.

Annacis Island was named after a Hudson's Bay employee named Francois Noel Annance in 1827. It was at first called Annance's Island, but a recorder's mistake in New Westminster changed it to Annacis Island.

**WILL BE FLOOD PROOF**  
The island is being raised from 3 to 14 feet to make it flood proof, even though it was not affected by the 1948 or 1894 floods, by pumping sand from the bottom of the Fraser River.

By the time the operation is finished 12,000,000 cubic yards of sand will have been pumped onto the island.

land and south Vancouver Island . . . which may come as a shock to scenario writers abroad who persist in depicting British Columbia as the wild, unsettled frontier.



The well-known British construction firm of John Laing and Son Ltd. is the estate contractor for Annacis Island. Member of the founder-family Maurice Laing is managing director of the company.

## Construction Starts At New Industrial Centre

Over \$2,500,000 has already been spent on roads, sewage, drainage, watermains and the two story administration building shown upper right. In the back-

ground is the causeway built by the New Westminster Harbor Board which links Annacis Island with the mainland.

## Auto Registrations Grow 25,000 A Year

The number of motor vehicles on B.C.'s highways has climbed almost 200 per cent in the past decade.

In 1945, in the immediate post-war period, the annual increase in vehicle registrations amounted to little more than 325; now it is climbing at the rate of 25,000 vehicles a year. Today, there are 367,976 motor vehicles in the province compared with about 130,000 in 1945, enough to haul every man, woman and child in B.C. at the same time, without crowding.

The automobile, and the truck, have become a vital part of the province's economy, pouring millions of dollars into the government treasury, responsible to a large extent for the development of many new industries.

The dollar value of the motor vehicle, and the role it plays in the economy, can be taken from the following figures:

In 1945, car and truck owners paid \$2,997,874 in licence fees. Sales of new cars in 1954 were valued at an all-time high of \$19,456,601 last year, up 13% from \$17,219,899 in 1953, and more than double the 1947 dollar sales of \$7,200,484.

## Power from U.S. New Areas of B.C. To Have Electricity

Two small communities, almost on the Idaho border of eastern B.C., will receive first central station electricity from the Commission this year. They are Kingsgate—customs port south of Cranbrook, and Yahk—a railway and lumbering community a few miles north. Power will be purchased by the Commission from Northern Lights Inc., an Idaho utility, and 13 1/2 miles of single-phase distribution line will be built to serve about 70 customers in the area.

There are over 5,000 stations on Canadian National Railways.

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## B.C. Now Has 1,305,000 Population

The population of British Columbia has increased almost 34 per cent in the last 10 years, according to most recent estimates.

It now stands in the neighborhood of 1,305,000.

The Dominion Bureau of Statistics states that in 1945 B.C. citizens numbered 949,000. By June, 1954, the B.C. Department of Trade and Industry says we had grown to 1,266,000.

At the end of March this year, another 4,641 new residents were reported in a single three-month period.

The third largest province in population, B.C. still lags behind Quebec with 4,056,000 and Ontario, with 4,598,000. But the Pacific province can claim more people than Nova Scotia, New Brunswick, Newfoundland, Prince Edward Island, Northwest Territories and Yukon, all added together.

Her record of growth during the decade recorded by the last federal census, 1941 to 1951, was reported as 42 per cent—the highest percentage increase in Canada.

Most of us are city dwellers—68 per cent—and we huddle together in one small corner of the province, the lower main-

## New B.C. Businesses Show Steady Increase

The number of new businesses opening their doors throughout British Columbia in the past decade has shown a strong and steady increase year by year.

Statistics prepared by the Trade and Industry department's bureau of economics and statistics show 1,046 new firms were registered in 1945, compared with 1,869 during 1954.

In the first six months of 1955, the number of incorporations stood at 945, twice as many as there were in a full year in days prior to the Second World War.

Of the many thousands of firms now operating in B.C., from small machine shops to

giant pipeline firms, only 78 failed during 1954, reflecting a healthy economic situation.

Here are the number of incorporations for each of the years 1945 to 1954, with their authorized capitalization:

1945	1,046	\$52,863,000
1946	1,518	\$2,592,042
1947	1,367	78,086,609
1948	1,232	67,813,212
1949	1,306	60,302,912
1950	1,362	76,797,840
1951	1,363	122,600,600
1952	1,332	127,830,760
1953	1,671	101,602,170
1954	1,869	116,934,000

In 1955, with a low number of incorporations, there were 28 failures in 1945, in the midst of the immediate post-war boom, only eight.

### A Complete Investment Service

Designed to meet Canada's growing opportunities for investors

Serving Investors Across Canada

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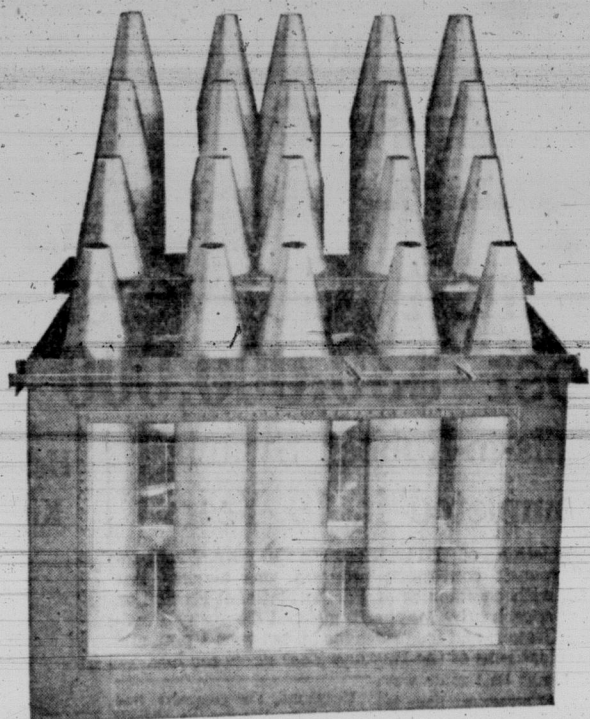


Shown above are giant pipes fabricated at Yarrows for the B.C. Power Commission's big Puntledge Power development. This job proves once again Yarrows' ability to meet the specific needs of industry.

## Custom-built equipment for heavy and light industry

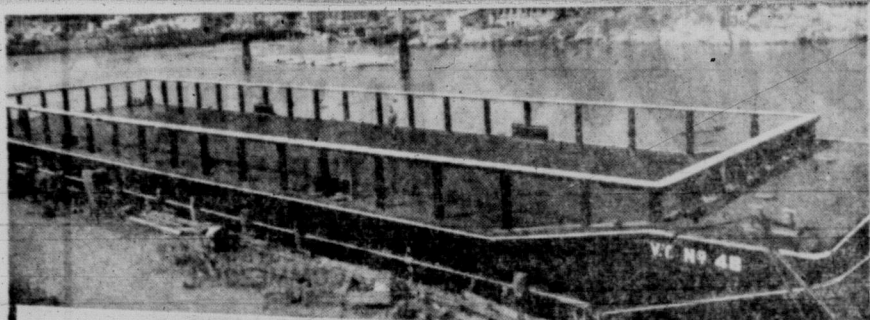
A glance at the record shows that some of the biggest names in B.C. industry have utilized Yarrows' skill for building specialized equipment.

On the right is a Multiclone Dust Collector built by Yarrows for the B.C. Cement Company at Bamberton.



B.C.'s growing industries are served by

# YARROWS



### YARROWS CAN SERVE YOU IN MANY DEPARTMENTS

**Coppersmith Work:** Copper coils, copper tanks, monel metal, stainless steel, jacketed kettles, vats.  
**Sheetmetal Work:** All kinds, including aluminum, stainless steel, monel metal, galley and kitchen equipment, sinks and dressers, ventilation trunking and equipment, hospital equipment, lockers, cabinets, desks, settees.  
**Electrical Work:** Repairs to electric generators, motors, switchboard and equipment.  
**Woodwork:** All branches of woodwork, including panelling, store fixtures, showcases, furniture, desks, tables.  
**Shipbuilding:** Passenger and cargo vessels, steel ferry boats, tugs, scows, fish boats—designed, built or repaired.  
**General Engineering and Machine Shop Work:** Fabrication and repairs of mine, mill and logging equipment; machine shop work; metal spraying.  
**Drawing Office and Design of Engineering Equipment:** Draughting office for the design and original drawings of ships, barges, or any type of industrial equipment.  
**Blacksmith and Forge Work:** Heavy and light forge work, steel tanks of any capacity, including pressure tanks and boiler work, conveyor troughing, multiclones.  
**Pipe Work:** Steel, iron and copper pipes to all sizes, special equipment for bending steel pipes up to 6" extra heavy, bent cold. All types of plumbing work.

COMPLETE WAREHOUSE STOCK OF STEEL PLATES AND SHAPES AVAILABLE FOR IMMEDIATE DELIVERY.

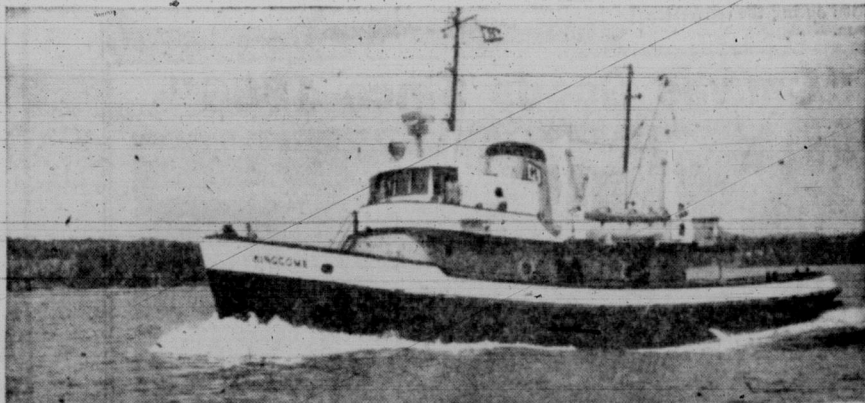
In the design, construction, repair and maintenance of all types of industrial machinery and equipment, British Columbia's bustling industries have come to rely on a dynamic and progressive combination: Yarrows' extensive facilities and high-calibre personnel. At Yarrows, a variety of skills and a tremendous backlog of experience go to shape every job—from small industrial units to large scale custom-built equipment and machinery and coastal craft. You can depend on prompt service and sound planning in every department.

### ALL TYPES OF COASTAL CRAFT FOR B.C. INDUSTRY

The West Coast's most modern tug, "Kingcome," designed and built by Yarrows for the Kingcome Navigation Company. The vessel is radar equipped and features a steel hull, aluminum superstructure and individual cabins for crew members.

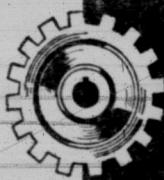
Length, 190' — Draft, 13'6" — Beam, 25'6" — Power, 700 B.H.P.

These barges are examples of how Yarrows meets the diversified needs of B.C. industrial operations. From the design boards to the finished craft—barges, tugs, scows—Yarrows has the men and facilities to do the job with the utmost efficiency.



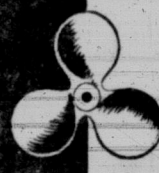
### SHIPBUILDERS — SHIP REPAIRERS — ENGINEERS

DESIGNERS AND BUILDERS OF TUGS — BARGES — COASTAL VESSELS AND SPECIALIZED CRAFT



# YARROWS

LIMITED



VICTORIA, BRITISH COLUMBIA





Quiet, smooth-riding trolley buses now travel the streets of Vancouver where not so long ago heavy, old-fashioned streetcars lumbered along. Changeover to trolleys has helped traffic considerably since vehicles

such as this handle much like an automobile and can load and discharge passengers at the curb. Middle-of-the-road streetcars held up traffic and caused some passengers to take dangerous risks when running to catch a car. (Photo by Artray).

## Transit Conversion Cost \$30,000,000

### Rails-to-Rubber Switch Completed in 10 Years

Completion of B.C. Electric's 10-year "rails-to-rubber" transit conversion program was marked last April 24, with ceremonies at Pacific National Exhibition Grounds; speeches by Mayor Hume and Company President Dal Grauer; and free rides for all between 1 p.m. and 5 p.m. on last runs of the Hastings East street car line.

The Hastings East route was the last of 21 street car lines to be converted to motor bus and trolley coach operation.

When B.C. Electric began conversion, Second World War had just ended and the company was faced with the decision of rebuilding the rail system and replacing the street cars or converting entirely to rubber-tired vehicles. The latter alternative was decided on and detailed planning immediately got underway.

The company was fortunate since the city was also hard at work on ways to improve the flow of traffic. And now the city joined with the company to make sure the street and traffic improvement program meshed with the transit modernization program.

A system was worked out for efficient conversion of routes from street car to trolley coach operation. When street cars were removed from a line, city work gangs would immediately move in to take up the rails and repave the street. At the same time, B.C. Electric men would string twin-wire trolley coach overhead, and as soon as these jobs were done, trolley coaches would take over the line.

Fraser-Cambie was the first route to be converted.

#### OLD RAILS LIFTED

Up came worn-out rails. Up went new trolley coach overhead and new street light standards, which supported the overhead lines. And on Aug. 16, 1948, the new Fraser-Cambie trackless trolleys went into service.

But the new paving and the trolley coaches were just part of the program. At 41st and Oak, in the geographical centre of Vancouver, Oakridge Transit Centre was built at a cost of \$1,750,000. Covering 13½ acres, Oakridge provides parking and servicing facilities for 400 free-wheeling vehicles.

In the training rooms at Oakridge, transit men learned how to operate the new equipment. The intensive training course added up to 164 hours of instruction for each operator. Approximately 1,600 men have been trained in bus and trolley coach operation during the conversion program.

Meantime, the company was giving new life to the transit systems of other B.C. cities. Motor bus replaced street cars in Victoria, North Vancouver and Burnaby.

New garages and depot buildings went up, too. There was Larwill Depot in downtown Vancouver (\$440,000); New Westminster Depot (\$440,000); New Westminster administration building (\$150,000); eight depots in the Fraser Valley costing a total of \$700,000; and new garages at the Larwill Depot and in North Vancouver.

Today, B.C. Electric operates 327 trolley coaches and 116 motor buses in Vancouver and 116 additional motor buses in the surrounding area. The trolley coach fleet is Canada's biggest.

The entire conversion in Vancouver and other centres served by the B.C. Electric cost about \$30,000,000.

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## Budgets Reflect Vast B.C. Growth

The phenomenal growth of British Columbia industry during the past 10 years is reflected vividly in the startling growth of government in the same period.

Even taking into account the inflationary conditions, which have boosted costs since 1945, the comparison of budgets and government expenditures shows that the present-day B.C. budget is five times what it was in 1945.

The 1945-46 budget showed total expenditure of \$38,041,505. The 1955-56 estimates show a budget of more than \$211,000,000.

The cost of education alone this year is greater than the entire 1945-46 budget.

#### NEARLY DOUBLED

In that post-war year the government was run by 4,664 civil servants. Today there are 8,000. The total number of civil servants hit 8,500 in 1952 but was reduced mainly by the abolition of the collection side of the B.C. Hospital Insurance Service.

In 1945-46 the total budget was \$38,041,000, the cost of education was \$6,507,000 and highways, bridges and ferries took another \$3,247,000. This seemed like big money at the time.

As needs grew and the post-war industrial boom brought people flocking into the province, the budget grew. By 1947-48 it was \$63,475,000 and the following year it climbed to \$87,435,000.

The 1949-50 budget was the first to top the \$100,000,000 mark. That year it hit \$107,983,000 and the cost of education had risen from \$6,507,000 in 1945-46 to \$14,945,000. The small 1945-46 appropriation of \$3,247,000 for highways, bridges and ferries had climbed to \$14,347,000.

#### NEW HIGH BUDGET

The budget continued to climb through the next two fiscal years until it hit \$153,000,000 when the new government first came to power in 1952-53. That year the cost of education was \$20,615,000 and the highway, bridge and ferry budget went up to \$17,190,000.

#### MANY HOMES BUILT

Vancouver had 2,489 new homes built in 1954 while Victoria's total was 292.

### Helping Build Kitimat City



GEORGE MELROSE

When Aluminum Company of Canada first became interested in Kitimat as the site of their new aluminum city, George Melrose was deputy minister of lands, and he played a large part in the development of the new city. Now retired from government service, Mr. Melrose is property manager for Alcan at Kitimat as well as being a consulting engineer in his own rights.

## High Praise For Canada From N. York

This is what the First National City Bank of New York has to say about Canada in a booklet it has published entitled "Canada, a Report on Business and Trade".

"Canada, our neighbor to the north, is in the midst of a spectacular economic expansion. With the help of the airplane, the helicopter, the bulldozer and every other modern contrivance, her frontier is being rolled rapidly northward into the vast and mineral-rich sub-Arctic territories. Her manufacturing industries have been built up at

an equally impressive rate and she has been, in an oil boom for the last eight years.

"Despite her relatively small population, Canada is now a major power. Her real national product has doubled since pre-war and, in trade, she is one of the four or five leading nations of the Free World."

"Canada's continued progress away from dependence on outside capital has been paralleled by a strengthening of her commercial and financial position with respect to both the British Commonwealth and the U.S....

The vigorous expansion of the internal market should make Canada more resistant to fluctuations in U.S. and European business. . . . Canada continues to be looked on as one of the great growth areas in the world. . . . "The economy is strong and resilient and both business and government have shown their determination to keep it so. The remarkably balanced growth achieved in the last 15 years is the best possible assurance that Canada is sound and that her economy is on its way to new high levels."



THE GOVERNMENT OF  
THE PROVINCE OF  
BRITISH COLUMBIA

## LABOUR

The function of the Department of Labour is to administer and enforce labour laws of the Province, relating to Minimum Wage, Hours of Work and Conditions of Employment — guided by the principle of protecting to the fullest possible extent the rights of the employee and the employer.

Information may be obtained by employers and employees upon written or personal application.

The Department seeks the co-operation of all and offers the services of an efficient staff in connection with: Minimum Wages, Hours of Work, Factory Inspection, Apprenticeship Training, Trade-Schools Regulation, Control of Employment of Children, Semi-monthly Payment of Wages, Annual Holidays with Pay, Conciliation and Arbitration, Female Employees and Indian Affairs Inquiries.

Head Office at Victoria — Branch Offices at Vancouver, Cranbrook, Kamloops, Kelowna, Nanaimo, Prince George, and Smithers, B.C.

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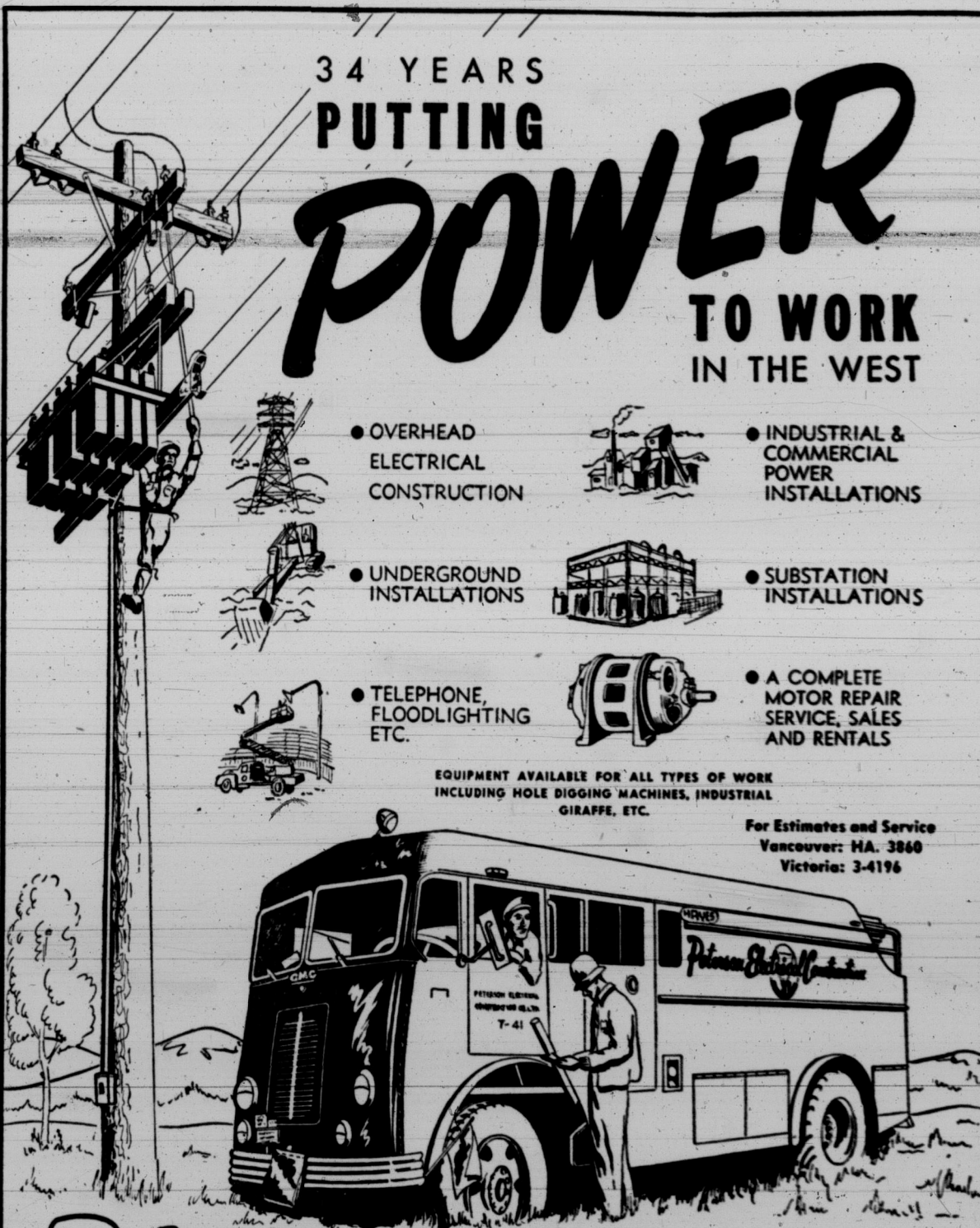
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# Peace River Scene of Oil Search

**Capped Gas Wells All Ready for  
\$120,000,000 Westcoast Pipeline**

Men, machines and millions of dollars are prying into the secrets of the earth's sub-structure in the Peace River area of B.C., in a costly, frenzied search for oil and natural gas.

Drills are grinding thousands of concentrated in the Peace River feet below the surface, airborne area. Geologists are firmly convinced the Peace is an extension of the structure running up the off underground dynamite charges, continent through the fields of collect rock specimens, check sur-

vey lines of permit areas; and the investors sit back and wait.

British Columbia has a new son—the maker of oil, and the industry. In the short span of 10 years, oil and gas have become

big business in this province. In dozens of capped natural gas wells that time they have developed awaiting completion of the pro-

from a speculative infant to a posed \$120,000,000 Westcoast Trans-

husky multi-million-dollar industry, mission gas pipeline; and the rush well-grounded on technology and is on to find more wells.

experience.

**WILLING TO GAMBLE**

So far, the emphasis has been on natural gas, but the province has a two-mile toe-hold on oil, and some of the world's biggest companies are willing to gamble big money on discovering a new major oil pool.

In pre-war years, British Columbia's only taste of the fascinating oil industry had been the occasional, wildcat venture, poorly planned and invariably ending in failure.

Wildcaters drilled deeply into the rocky soil of the Queen Charlotte and Gulf Islands, into the loam of the Fraser Valley, and the cliffs of North Vancouver. They tried drilling in the Cariboo and Flathead areas, and the West Coast of Vancouver Island.

Some used water diviners to determine the well-site, while others thought they could pry themselves to oil riches. They knew little of seismology, the exacting science of charting subterranean structures through underground explosions, or of the usefulness of the relatively new magnetometer, used to check abnormal magnetic forces under the earth's crust, which suggest oil or gas bearing formations.

Today, the most modern equipment is being utilized to bring the fabulous riches of oil to British Columbia. The gigantic effort is

ONE OIL WELL FOUND

Natural gas will mean a tremendous amount to British Columbia's entire economy, but to quote officials of the British Columbia government, "the real money is in the oil". And to date, there is only one oil well in British Columbia.

Another big step came in 1954, when the British Columbia Legislature passed a new natural gas and petroleum act, which provides stiff financial penalties to permit holders who don't get down and drill. The act also wiped out a multitude of "discretionary" clauses which had the larger firms worried.

The effect of the new act is readily apparent. Eighteen months ago, there were 135 permit holders in British Columbia. Today there are about 75, of whom 40 are working on their permit areas.

Land speculators have been almost completely driven out, and the serious business of drilling is ready to roll.

Development of the industry can be found in two sets of figures, one

showing the amount of money spent on actual drilling, the other showing the amount spent on geological and geophysical surveys.

Year Drilling G and G

1949 \$ 150,000 nil

1950 914,000 87,068

1951 1,546,869 352,317

1952 2,886,283 761,132

1953 7,113,698 1,725,390

1954 3,952,135 6,671,100

No figures are available for 1955, but officials expect both drilling and survey expenditures to greatly exceed those of last year.

The figures vividly illustrate the trend—from wildcat drilling to science, and the step-by-step approach. In 1954, for the first time, drilling fell off (partly due, it is true, to the setback suffered by Westcoast Transmission) and survey work, the painstaking probing of the earth, increased.

**BIG MONEY NEEDED**

The table also shows clearly the emergence of the big firms, the giants of the industry, the names which are known across the world. They are the only ones with the millions of dollars necessary for research and surveys.

One of the pioneer firms, in the Peace River, is Pacific

Petroleum. This first gambled on finding natural gas, and won, and now is consolidating gas holdings, while seeking oil.

Other big firms in the field are Imperial Oil, Standard of California, Canadian Gulf, Canadian Southern Production, Standard Oil & Gas, Gulf States Oil of Canada, British-American, Hudson's Bay Oil & Gas, Fargo, Oils, Shell, General American, Triad Oils, a subsidiary of Anglo-Iranian Oil.

This may be the year. Some of the big firms have concluded their geological and geophysical work, and are ready to drill. All British Columbia is awaiting the news of a major discovery, a major oil field.

One of the big headaches facing oil crews in the Peace River area is muskeg. Massive equipment is required in drilling, and transporting such equipment over marshy land is a major problem.

In some places, work lasts only three months out of twelve, when the ground is frozen, and machines can move on the ice-covered rivers and lakes of the north country.

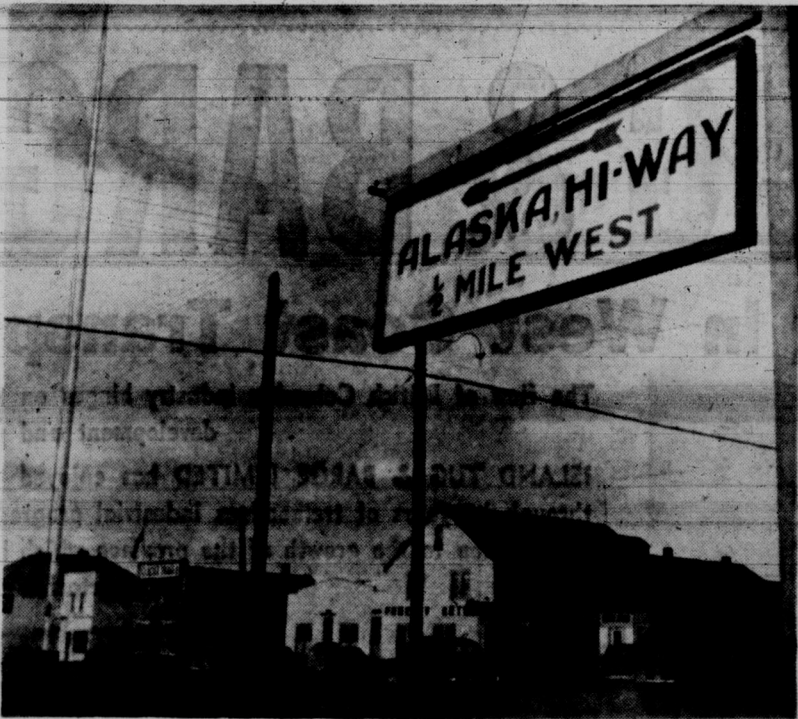
In the summer, crews use horses, helicopters, motorboats, power-driven canoes, jeeps and land rovers, and the old reliable "shanks ponies", to transport them to the job.

Engineers are examining the use of swamp buggies and other wined carriers, but have yet to come up with a machine which can haul equipment over mus-

keg, tree trunks, rock and other hazards and extend the drilling season.

Mosquitos and other insect pests also are a nuisance encountered by the hardy crews in this vast, isolated land.

Drilling for oil is an expensive proposition. Average cost, depending on depth, and type of ground, is more than \$200,000, running as high as \$1,000,000, and as low as \$75,000.



## Centre of B.C. Oil Boom

This is Fort St. John, the heart and centre of gas and oil exploration in British Columbia's Peace River area. This village, a real boom town, beat all other centres in the province so far as being first to use natural gas commercially.

Natural gas has been used as fuel here for over a year. Westcoast Transmission gas line, now in planning stage, will bring gas to larger B.C. centres. (Photo by Wilfred Doucette.)



## Tall Rigs Dot Peace River

Erection of a headrig on a Pacific Petroleum gas well in the Peace River area, near Fort St. John. This company holds varying interests in 1,193,608 acres of land in this vicinity and has 33 capped wet-gas wells. It is one

of the sponsors of Westcoast Transmission Co., which plans a natural gas pipe line from the Peace River to Pacific Coast. (Photo by Wilfred Doucette.)

## Keeping the Wheels Turning is Our Job!

Wherever an area grows and prospers, wheels must roll.

Passenger cars transport workers to their jobs. Trucks carry raw materials in, finished products out. Construction equipment rolls to the job, and works on wheels. Farm tractors and other equipment till the land that nourishes growth.

Our job is to keep 'em rolling — with automotive parts and supplies of dependable quality, always available when needed.

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## Assuring the Prosperity of B.C.'s Third Industry...

To fulfil its obligation to the 18,000 people who earn their living from the sea, the Fisheries Association of British Columbia has a complex task of many sides. It must work to preserve its natural resource, the fish of the sea. It must strive that everyone in the industry receives a satisfactory living standard and it must consistently be on the alert to seek new markets and to preserve the markets it already has established.

The Association is proud that it is accomplishing these ends. Its support of the Federal Conservation program is traditional, and the living standard enjoyed by B.C.'s fishermen is second to none in the world. The Association's program to supply the world's markets goes deeper than the mere job of selling, however. It gets down to the grass roots of economics, and the Association's efforts to enable foreign countries to buy Canadian is an outstanding example of long term planning.

The Association is sincerely working towards all these ends while being ever mindful of the consumer's interests. The customer's ready acceptance of the product from an economic as well as a quality standpoint is the keystone on its totem poles.

**Fisheries Association of British Columbia**



# ISLAND TUG & BARGE LTD.

## Important Link in West Coast Transportation



The flow of British Columbia industry hinges on transportation—the backbone of a nation's development and prosperity!

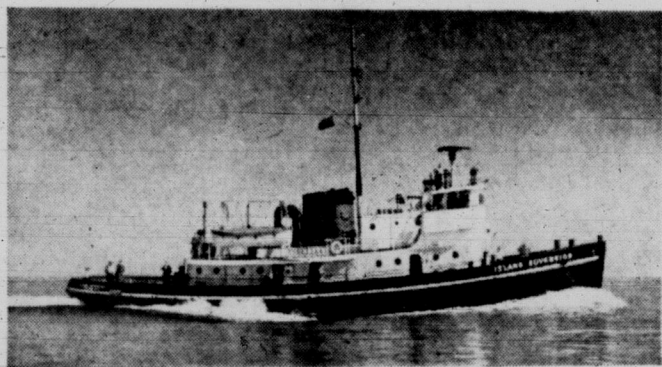
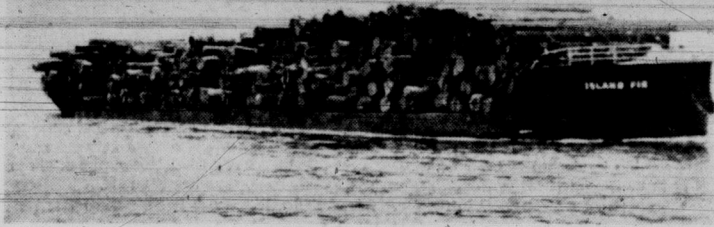
ISLAND TUG & BARGE LIMITED has enjoyed the privilege of serving British Columbia through its years of tremendous industrial progress. We feel that we have made a large contribution to the growth of the province which has enabled us to become one of its leading transportation services.

### FIRE-FIGHTING TUGS IN ACTION

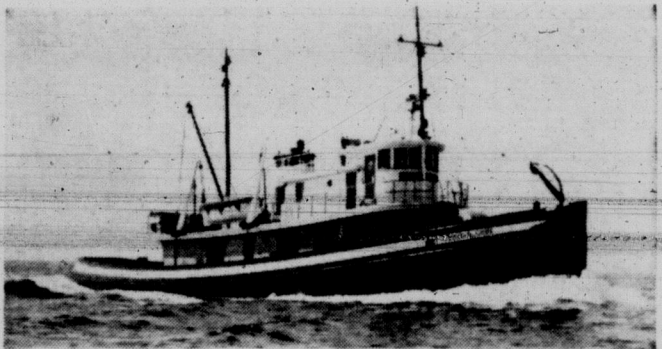
At left, Island Tug & Barge Limited vessels fitted with fire-fighting equipment demonstrate effectiveness of most modern methods.



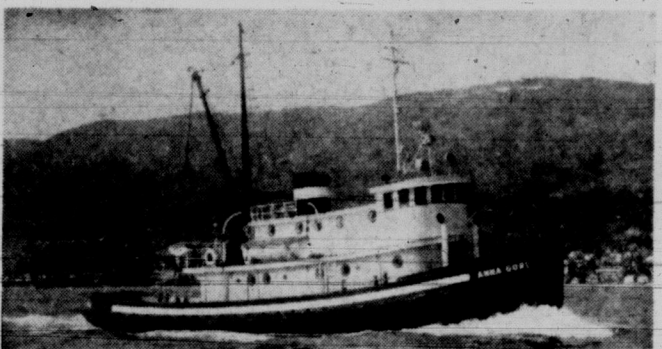
SELF-DUMPING LOG BARGES FACILITATE TRANSPORTATION OF LOGS FROM FORMERLY INACCESSIBLE AREAS



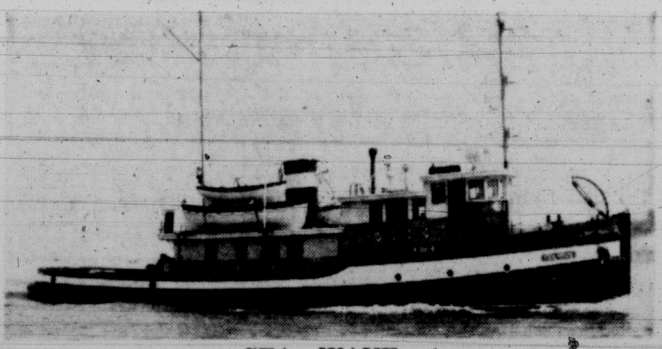
ISLAND SOVEREIGN



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SEA WAVE

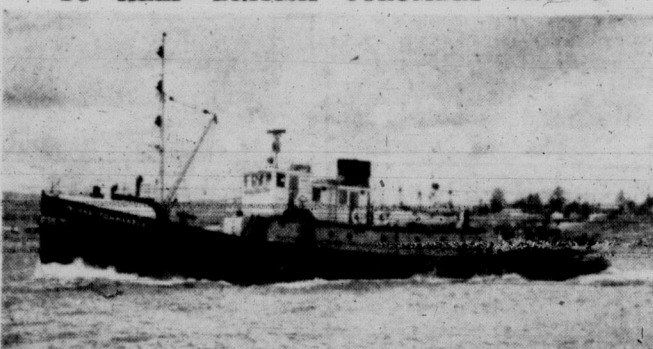


ISLAND COMET

## EVERY TYPE OF TUG TO SERVE INDUSTRY

Shown on this page are just a few of the 78 Island Tug & Barge Limited vessels representing 33,000 tons of shipping. These vessels ply the Pacific Coast waters daily and are continually making calls at remote ports around the world. These vessels will continue to serve the needs of this province, as

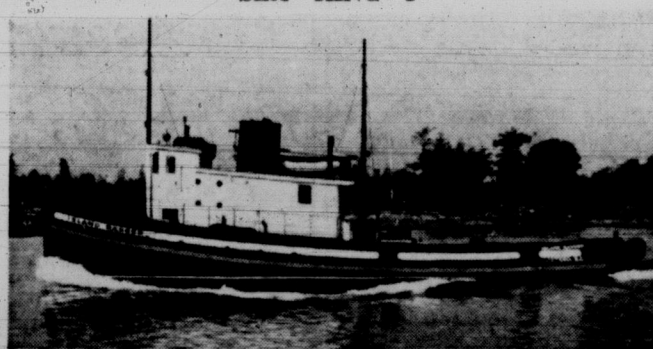
ISLAND TUG & BARGE LIMITED CONTINUES TO HELP BRITISH COLUMBIA GROW!



ISLAND COMMANDER



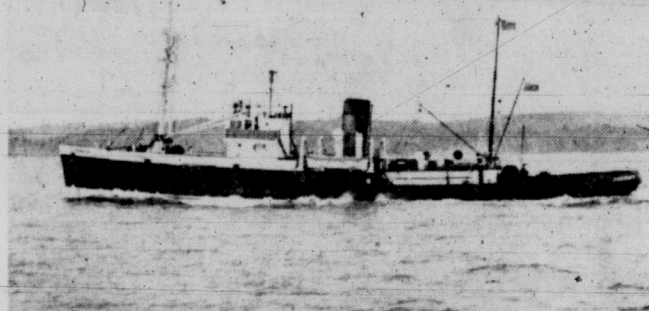
SEA KING I



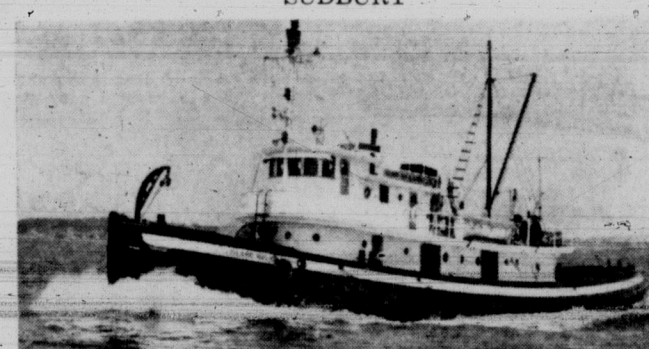
ISLAND RANGER



ISLAND TROOPER



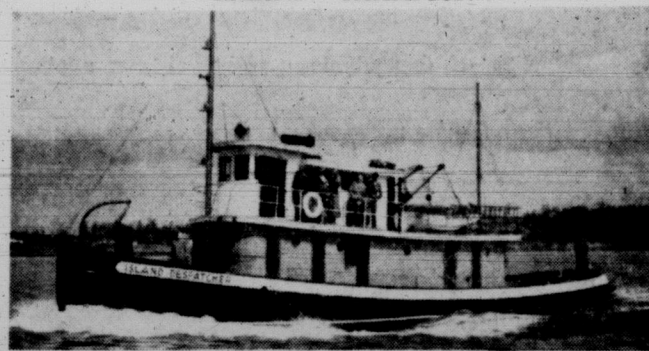
SUDBURY



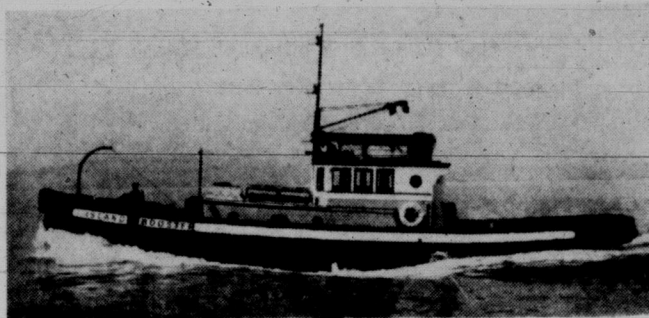
ISLAND NAVIGATOR



ISLAND CHAMPION



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ISLAND BOOSTER

Victoria **ISLAND TUG & BARGE LTD.** Vancouver

YOUNG & GORE TUG BOATS LTD., A WHOLLY OWNED SUBSIDIARY





Huge Investment

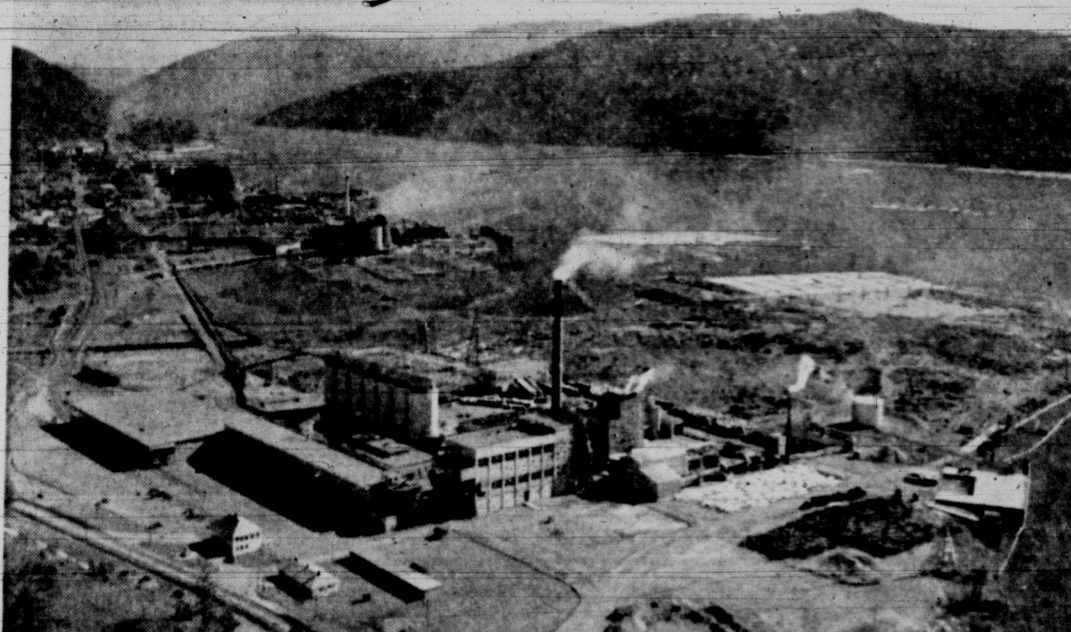
## Victoria Daily Times

Payrolls Boom

VICTORIA, B.C., WEDNESDAY, AUGUST 31, 1955

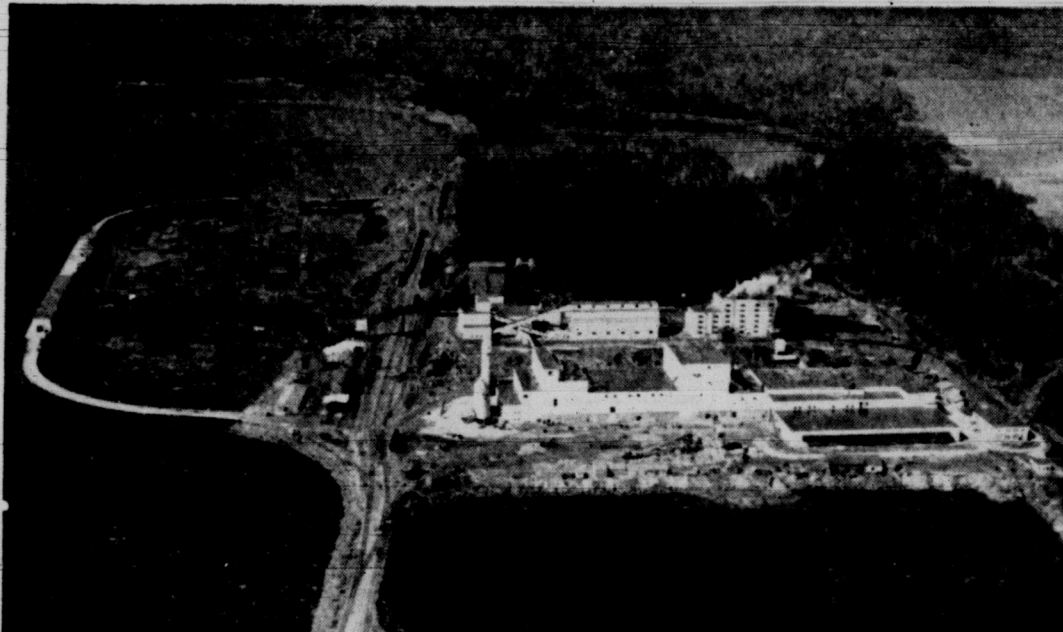
21

Over \$120,000,000 Spent on B.C.'s Four New Mills in Decade



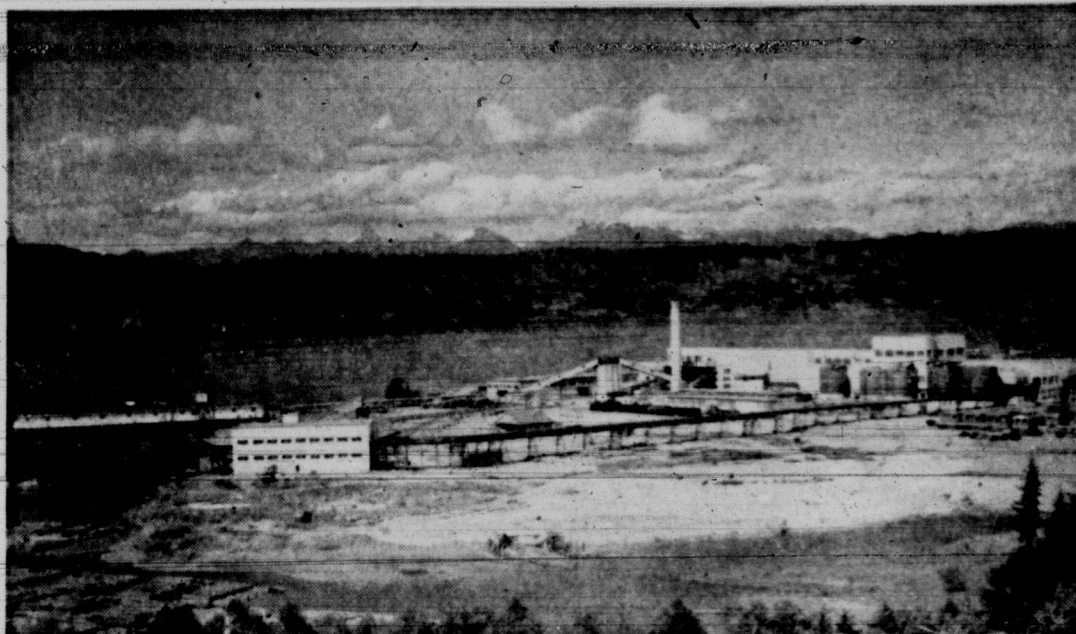
Port Alberni's kraft paper mill was built in 1947 by Bloedel Stewart and Welch, and became part of the MacMillan and Bloedel empire when the firms merged

in 1951. A new \$30,000,000 program to increase output to 325 tons daily, plus a new newsprint mill is at present under way.



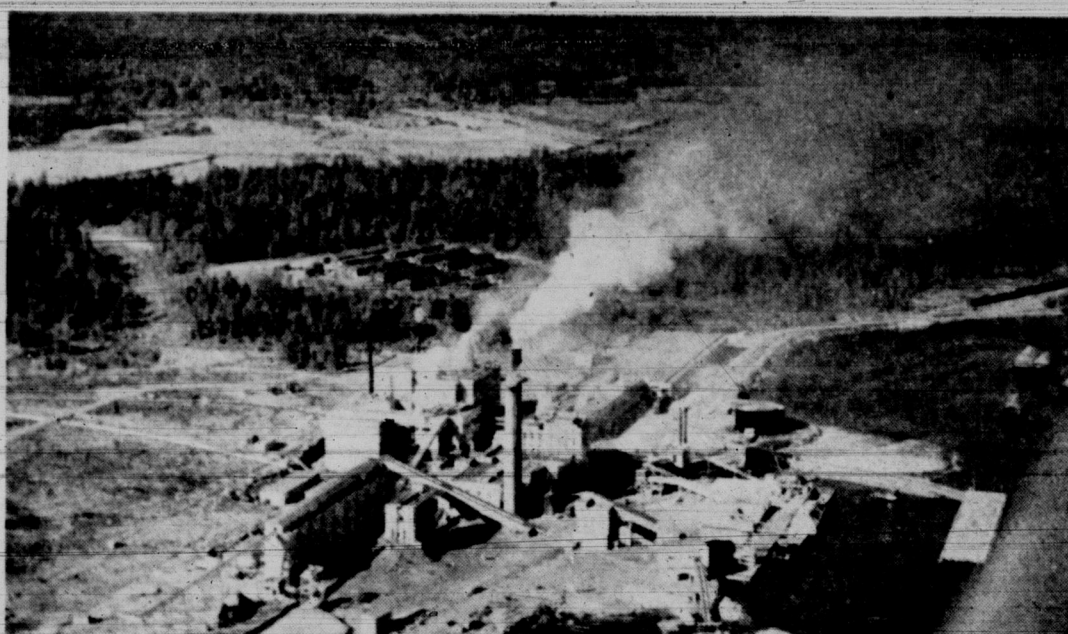
The \$27,000,000 dissolving pulp mill of Columbia Cellulose Company at Prince Rupert is one of the northernmost industries in the North American continent.

Opened in 1951, it is part of vast organization of Celanese Corporation of America. Raw material comes from Forest Management Licence No. 1.



Elk Falls mill at Campbell River, is Vancouver Island's first newsprint mill. It was opened in June, 1952, at a cost of \$30,000,000. Its owners, Crown Zellerbach,

are now in process of building a pulp mill alongside it, which will make it the largest unit in the Crown Zellerbach chain of mills.



Most modern of the MacMillan and Bloedel installations is the giant two-unit bleached sulphate pulp plant known as Harmac. Situated near Dodd, Nar-

rows, south of Nanaimo, it is one of the largest in the world, producing over 600 tons daily. First unit was opened in 1951 and the second in 1953.

# Expansion of Pulp, Paper Industry Phenomenal

The story of post-war expansion in B.C.'s pulp and paper industry is almost startling in retrospect.

It has been big and fast. The growth in both production, number of plants, and millions of dollars of investment during the 10-year period has been phenomenal.

New markets have made the industry profitable and new methods have made it efficient.

In 1945, there were three pulp mills, three pulp and paper mills and one paper mill. Since then four new pulp and paper mills and one new paper mill have come into production making a total of 12 such mills in the province.

The expansion is confined not only to new mills but additions to existing ones.

### THE STAKES ARE HIGH

Among the new plants built since 1945 at a cost of about \$120,000,000 are Columbia Cellulose, Elk Falls Co. at Campbell River, Macmillan & Bloedel at

Alberni and Macmillan & Bloedel at Harmac.

Post-war expansions amounting to about \$68,500,000 were carried out in the Powell River Co., Alaska Pine and Cellulose at Port Alge, Alaska Pine and Cellulose at Woodville, Canadian Forest Products at Port Mellon, Crown Zellerbach at Ocean Falls and Westminster Paper Co.

Further new projects and expansions in the next year or two will total \$170,000,000—almost as much again as carried out since 1945.

A new \$30,000,000 plant at Elk Falls, the \$30,000,000 proposed Celgar Development Co. plant on the Arrow Lakes, a plant at Kitimat jointly owned by Powell River Co. and Aluminum Co. of Canada, a new \$30,000,000 plant at Alberni by Macmillan & Bloedel, a B.C. Forest Products plant at Crofton and expansions at Port Alice and Powell River will more than double B.C.'s present production.

### PROPORTION GROWS

And what about the value of production since 1945? In that year the industry hit \$19,383,

228 in total value, 10.74 per cent of the total Canadian production.

By 1953 this had gone up to \$81,452,218, 13.58 per cent of the Canadian total. While figures are not available for 1954, estimates place the total value of production for that year past \$90,000,000.

Production value figures, of course, do not give a true picture of pulp or paper production in volume because of the rise in prices and costs. But total production of all kinds of paper in B.C. in 1945 was 334,502 tons and this had risen to 632,556 tons by 1953. Steady increase through the 10 years would indicate a proportionate further increase in production of another 50,000 tons for 1954.

Quantity of wood pulp from both mechanical and sulphite processes rose from 520,571 tons in 1945 to 1,070,863 tons in 1953. Again continued increases would show a further jump to about 1,150,000 tons for 1954. Not only in physical expansion but in its effect on the

whole of the forest industry has the pulp and paper industry made itself felt.

### SAVES FOREST WASTE

The industry, according to a recent B.C. forest service report, "has provided much of the stimulus for the trend in the past decade toward complete utilization of the forest crop and the consequent integration of forest units."

The needs of the industry saw the introduction in 1947 of the forest management licence system with its resulting political opposition and the recent, controversy before the Sloan Commission.

New equipment, hydraulic barking machines and chippers, made it possible to use a great deal of small logs and waste wood which formerly had been burned as unusable.

Much of this use of waste has been brought about by integration of operations so that what one cannot use the other does use.

In 1954 of the 335,000 tons

of kraft market pulp manufactured in B.C., about 85 per cent was produced from saw-mill residue and salvage wood.

"The expansion of the pulp and paper industry," an official of the Canadian Pulp and Paper Association, Western Division, said in a recent report, "and subsequent integration with sawmills and plywood plants brought about this major change in logging and utilization by providing a use and market for saplings, chunks, smashed logs, windfalls and tops which formerly were left on the ground."

It is interesting to note here that in 1953, of the 440,000 cords of waste wood used by Canadian pulp mills, more than 70 per cent was used in B.C.

### DEMAND IS STABLE

Under normal conditions the demand for pulp and paper products is stable, subject, of course, to world economic influences. Officials of the industry feel that B.C. has now assumed a very favorable position in world markets.

The products of the rapidly-expanding industry are highly diversified even though it is referred to as "pulp and paper." Among the products of the industry are mechanical pulp, chemical pulps for rayon and plastics, newsprint, building paper, fibre board, kraft wrapping papers, cardboard, tissues. In addition it supplies material for paper-using industries who make paper boxes and bags, roofing, etc.

### EMPLOYS 6,500 WORKERS

Reports show that in 1955 the pulp and paper industry employs 6,500 persons with a payroll of more than \$28,000,000 a year and a gross value of production of about \$140,000,000. This is compared to 4,125 employees in 1945 with an annual payroll of \$8,851,835 and a gross value of production of \$35,304,731.

By 1950 there were nine plants, compared to seven in 1945, number of employees had risen to 4,573 and gross production to \$86,886,870.

In addition to the 6,500 per-

sons now employed in the industry there are another 1,500 persons with an annual payroll of \$4,000,000 employed in the paper-using industries whose gross production is \$27,000,000.

Another notable increase is in the quantity and value of pulpwood produced.

In 1945 the industry produced 674,317 cords, 593,270 of which were used in the province and 81,047 exported. By 1950 these figures had risen to 928,650 cords, 711,340 for B.C. use and 217,310 for export. Continued expansion was shown in 1953 when the total was 1,000,929 cords, 863,113 for B.C. and 137,816 for export.

Use of waste wood is almost entirely new in the past 10 years. Reports show that in 1946 only 54 cords were used while in 1950 this had gone up to 156,784 cords and in 1953 to 314,144.

The growth, if it need be proved further, can be shown finally in the cost of fuel and

electricity and the cost of materials used through the years.

In 1945 the seven plants paid out \$8,851,835 in wages, \$2,441,133 for fuel and electricity, and \$13,480,370 for materials. For this they had a gross value of production of \$35,304,731 and net \$19,383,228. By 1950 there were nine plants paying out \$15,123,235 in wages, \$3,805,334 for fuel and electricity, \$28,846,553 for materials. They then had a gross production of \$86,886,870 and a net of \$54,234,983.

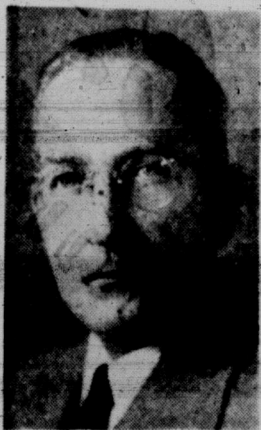
By 1953 the number of plants was 12, wages were \$28,088,527 (although the number of employees had increased only from 4,125 in 1945 to 6,432 in 1953), fuel and electricity cost \$7,372,053, materials \$50,058,822, gross production hit \$138,883,083 and net was \$81,452,218.

Only market conditions can stop the terrific expansion of the industry. There is enough wood, there are new techniques for using waste even up to 100 per cent, and there seems to be plenty of capital.

By 1965 even today's phenomenal growth statistics may seem small.



# Among Outstanding Figures in British Columbia's 1945-55 Progress



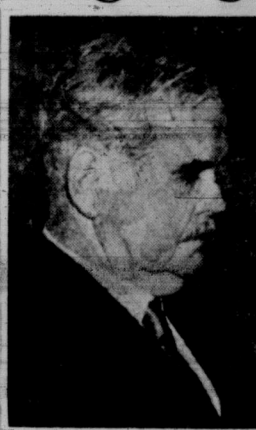
**Cominco Head**  
R. EWART STAVERT

President of the Consolidated Mining and Smelting Company, Mr. Stavert is also director of many other important companies, including the Bank of Montreal, International Nickel, Sun Life, and Dominion Bridge.



**Trade Deputy**  
THOMAS L. STURGESS

Deputy minister of trade and industry in this province for the past two years is Thomas L. Sturgess. He joined the department 12 years ago.



**Merchant Prince**  
HON. W. C. WOODWARD

Former Lieutenant-Governor of British Columbia, Colonel Woodward is also the head of the largest B.C.-owned department store business in the province. He owns stores in Vancouver, New Westminster and Victoria and also one in Edmonton, and has played a big part in encouraging British-Canadian trade. He lives beside his famous Woodwyn Farm on the Saanich Peninsula where he breeds fine herds of Jersey and Angus cattle.



**B.C. Packer Head**  
J. M. BUCHANAN

It is the proud boast of Mr. Buchanan, president of B.C. Packers, that there's no waste in his industry. Bone, flesh or fin of every fish that comes into the packing station at Steveston, B.C. canned salmon is in great demand in many parts of the world. The company also cans clams, oysters and many other marine delicacies.



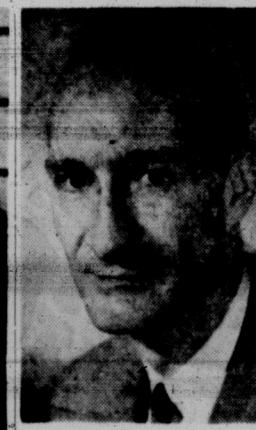
**Mining Expert**  
DR. JOHN F. WALKER

Deputy Minister of Mines Dr. Walker has had a long experience of B.C. mining, and his department keeps in close touch with the latest developments. Recently Dr. Walker has also assumed responsibility for the oil and gas industry.



**Doyen of Agents**  
W. A. MACADAM

The man who keeps the name of British Columbia to the fore in Britain is W. A. MacAdam, the agent general at B.C. House in London. Many U.K. industrial firms have been lured to B.C. by this genial diplomat, and although his time for retirement is overdue, his value is such that the B.C. government has asked him to stay on for five more years.



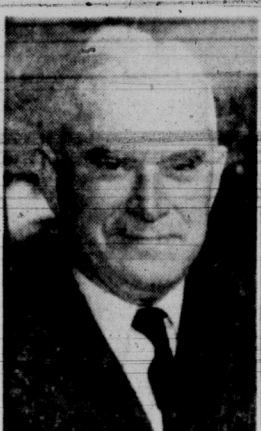
**Heads C.A.'s**  
W. F. MARTIN

The B.C. Institute of Chartered Accountants is headed by W. F. Martin of Vancouver. Accountants have had a large part to play in steering company organization through the big B.C. expansion period. Present aim of the Institute is to have the B.C. Companies Act improved for the benefit of investors, and brought into line with the acts in other provinces.



**UBC President**  
NORMAN MacKENZIE

Nearly 5,000 students each year are attending the University of British Columbia of which Dr. MacKenzie is president. A Marlintoner with a distinguished educational record, he heads the only university in the province. He has seen vast expansions on the campus in the past ten years. A notable addition has been a medical faculty.



**Former Premier**  
BYRON JOHNSON

Leader of the Coalition government from 1947 to 1952, Byron Johnson played a large part in starting the dynamic post-war advance of British Columbia.



**Tycoon**  
EDWARD P. TAYLOR

Head of the mighty Argus Corporation Limited, E. P. Taylor is also chairman of the board of Canadian Breweries Ltd., Dominion Malt Company Limited, Dominion Tar & Chemical Company Limited and president of B.C. Forest Products.



**Trade Emissary**  
EINAR GUNDERSON

Trade Emissary of the Social Credit government, Einar Gunderson recently made a visit to Britain and Europe to encourage trade relations with British Columbia. He is also the government's fiscal expert.



**Farmers' Friend**  
W. KENNETH KIERNAN

Minister of Agriculture in the B.C. government, Mr. Kiernan has encouraged the expansion of farming throughout the province. His department helps farmers clear their land, gives them advice on stock and crops, and aids in marketing their produce.



**Pipeline Chief**  
J. G. SPRATT

The great crude oil pipeline which snakes through the Rockies to bring Alberta oil to Vancouver is headed by J. G. Spratt, president, Trans Mountain, has brought a big new oil refining industry to British Columbia.



**Promoted B.C.**  
EDWARD T. KENNEY

During his spell of office as minister of lands and forests in the Coalition government Mr. Kenney encouraged Alcan to come to British Columbia. The great Nechako dam was named for him by the company.



**C. of C. Leader**  
E. W. ARNOTT

Vice-president of B.C. Electric in charge of their Vancouver Island operations, Mr. Arnott is well-known in Chamber of Commerce circles. A former president of the Victoria chamber, he is also a past president of the B.C. Chamber.

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**EXPORT and RETAIL**

MR. T. V. BOWERS

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**BRITISH COLUMBIA  
Department of Education**

**AIMS OF EDUCATION  
IN THIS PROVINCE**

The people of British Columbia have established schools for our young people for the primary purposes of teaching them the fundamental skills of learning, of developing their character, and of training them in citizenship.

The schools of this Province direct their attention daily to the following goals for all pupils:

**MASTERY** of the fundamental skills of learning.

**HEALTH** in mind and body.

**KNOWLEDGE** of that which is great and valuable in History, Science and the Arts.

**RESPECT** for high standards of work and personal effort.

**UNDERSTANDING** of the responsibilities and privileges of life in a democracy.

**SELF-DISCIPLINE** through requiring acceptable standards of behaviour and work.

**DESIRABLE ATTITUDES AND IDEALS** of service, honesty, and good citizenship.

All schools should endeavour:

To seek out and develop each pupil's special talents and abilities.

To assist pupils in overcoming handicaps or weaknesses.

To co-operate with parents in guiding the development of their children.

The foregoing is based upon the aims of education in British Columbia as prepared by the Department of Education with the advice of the Provincial Curriculum Advisory Board, and officially adopted for the public schools of this Province.

THE HON. RAY WILLISTON  
Minister of Education  
DR. H. L. CAMPBELL  
Deputy Minister

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For the First Time in Canada! A SUPER-HARDWARE... a New Concept of Shopping Convenience for Hardware and Housewares, Paints, China, Etc. Super-market style self-serve shopping allows the customer to pick up his choices from attractive and easily accessible displays and self-serve counters, take them to one of the check-out lanes with no waiting. Well-informed sales staff always in attendance, plus daily delivery service to all parts of Victoria.



**FRIGIDAIRE  
SUPER 61**

6.1 Cubic Foot Refrigerator

Ample refrigeration space with 15.7 lb. Super Freezer in a smartly styled cabinet. Bar-type shelves. Acid resisting porcelain hydrator.

THIS MODEL  
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Plus a full range of Frigidaire refrigerator models and famous Frigidaire electric ranges now on display at Stelck's.

CONVENIENT TERMS AVAILABLE

**Stelck's Super-Hardware**  
TWO STORES TO SERVE YOU  
HILLSIDE HARDWARE ESQUIMALT HARDWARE  
QUADRA AND HILLSIDE 1237 ESQUIMALT ROAD  
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# First Scored In Steel Rolling

Vancouver scored a world first last April, when the first steel ingots ever heated by electric induction, flashed red-hot through the rolls at Western Canada Steel's Vancouver rolling mills, S.W. Marine drive.

Mr. C. D. Hobbs, president of Western Canada Steel Ltd., says that the revolutionary new process cuts the time for heating steel ingots by approximately 75 per cent, increases production 30 per cent and reduces fuel costs by one dollar a ton, or approximately \$100 a shift.

Where it took about 45 minutes to heat the ingots in the oil-fired furnaces which were used previously, it only takes from eight to 12 minutes to get them red-hot in the new twin-tube electric induction heating unit. This process will revolutionize the reheating of steel ingots or billets for rolling in any part of the world where electric power is plentiful.

## BIG POWER USER

The electric power consumed for this operation is formidable. The furnaces have a total capacity of 10,000 horsepower, and a direct line from the B.C. Electric Co.'s Kidd substation feeds

in 60,000 volts to provide this energy. Counting their operation at Vancouver Steel Co. Ltd. where molten steel is poured into ingots, Western Canada Steel now uses enough electricity in a single month . . . to provide street lighting, trolley power and domestic and commercial heating and lighting for the entire city of New Westminster for the same period.

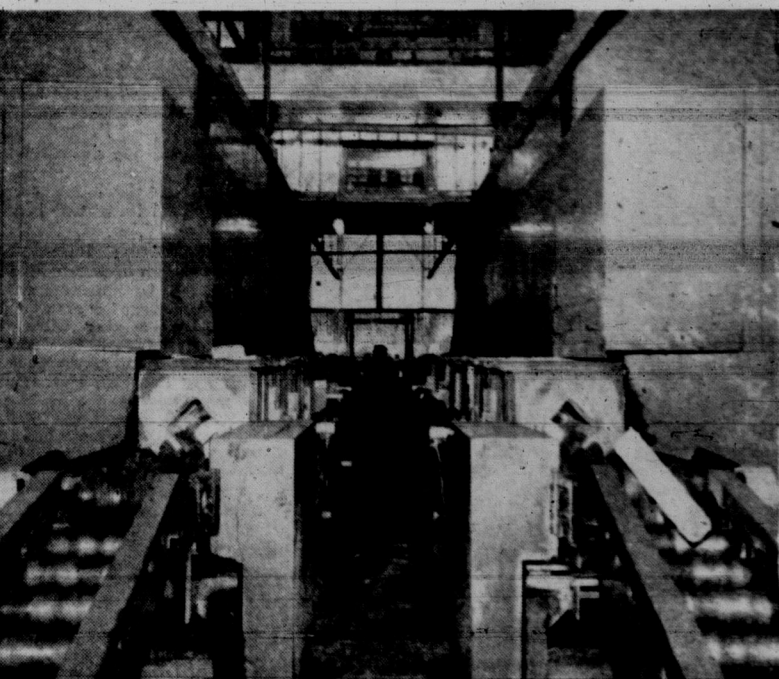
The electric induction heating unit method is new, but it depends on a basic law of physics . . . if an electric current is passed through a coiled wire, it forms a magnetic field, and if a steel ingot or any other conductor is placed in this field, an electric current is also induced within the ingot. Resistance to this current heats the ingot . . . up to almost 2,300 degrees Fahrenheit. Control of the amount of current used determines ingot temperature.

## GOOD TIMING NEEDED

The induction heating unit comprises a series of large copper coils set in refractory blocks placed end-to-end-to-form-a-tunnel. Ingots are fed in at one end of the tunnel, pushed slowly through, and emerge at the other end almost white-hot, ready for rolling into finished steel bars.

The heat produced is so intense that if the ingots were left in the furnace for even half a minute too long, they would melt. The whole operation is one of split-second timing and unsweaving concentration.

Western Canada Steel Ltd., which is the only basic steel producer in Canada's West, have, by this process, increased their finishing capacity from



## Heats Steel For Rolling

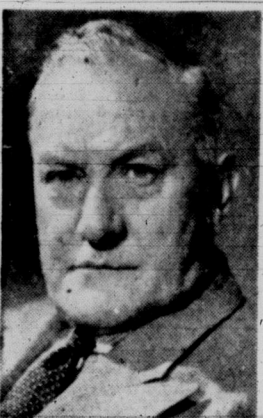
It takes 60,000 volts of electrical power to provide the 10,000 horse-power energy needed by this giant twin tube electrical induction heating unit at Western Canada Steel's Vancouver Roll-

ing Mill. It is the largest installation of its kind in the world and the first ever used for heating steel ingots for rolling.

40,000 to 70,000 tons per year. Ingots for the Vancouver Rolling Mills are made by another Western Canada Steel subsidiary, Vancouver Steel Co. products by Western Canada

Steel's Pacific Bolt Manufacturing Co. Ltd. on Granville Island in Vancouver.

## Leader of B.C. Steel Industry



C. D. HOBBS

The world's largest electric induction heating unit and the first all-electric steel production plant is owned by Western Canada Steel Company of which Mr. Hobbs is president. The company produces steel from scrap and rolls it at Vancouver Rolling Mills.

## Gulf Islands Income Provided By Logging, Farming, Fishing

While the bulk of British Columbia's population is concentrated in her lower left-hand corner, many people live right between the two largest single populated areas (the lower mainland and Vancouver Island) yet are away from all the hub of city life.

These people are residents of the picturesque Gulf Islands, which lie in the Gulf of Georgia. About 3,400 people call these islands their home. The larger and best known islands include Galiano, Mayne, Moresby, Pender, Portland, Saturna, South

Pender and Salt Spring. They have an approximate area of 137 square miles.

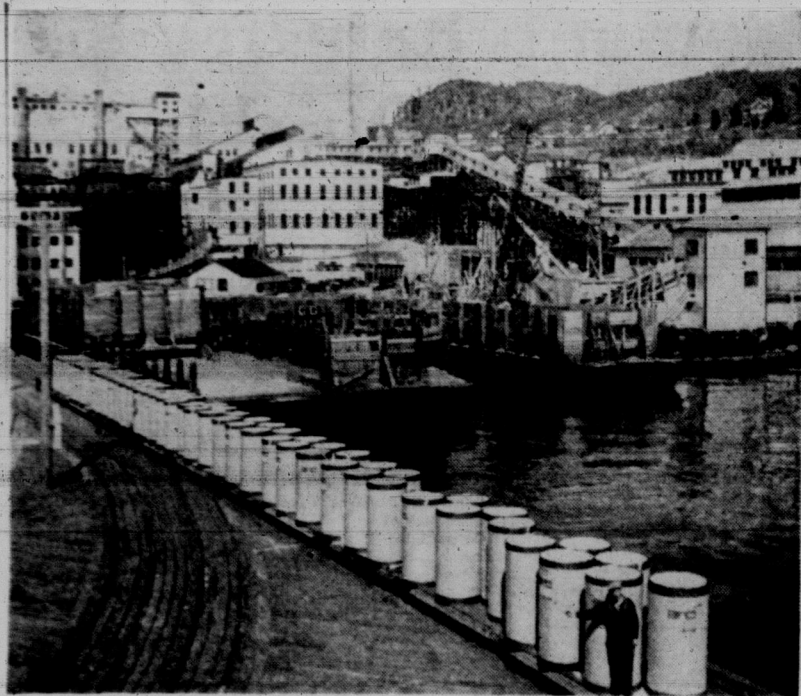
Life is more leisurely on the islands and income is derived mainly from logging, fishing, farming and tourists. Many retired people find the peace and quiet and the beautiful setting of the islands to be the ideal place to spend their declining years.

Several sawmills operate in the area; about 50 commercial fishing boats are based among the islands and a fish reduction plant is located on Pender Island.

A few extensive farming projects are carried on. One is dairying; a second is beef cattle raising, and a third is sheep raising. Salt Spring Island has its own creamery which markets its product in Vancouver, New Westminster, Victoria, Nanaimo and other nearby cities.

## MORE MACARONI AND SPAGHETTI

Canadian production of macaroni, spaghetti, vermicelli, noodles and similar products jumped to 84,254,764 pounds last year from 70,783,848 pounds in 1953.



## World's Biggest Newsprint Mill

The Powell River Company has the distinction of owning the biggest single newsprint mill in the world.

This year it expects to turn out nearly 400,000 tons of newsprint from its eight newsprint machines. In 1944 the Powell River production was 187,789 tons.

At the 1955 annual general meeting, M. J. Foley, president, announced that a ninth machine was being added and that it

would be in operation in the fall of 1956. When in operation this machine will bring the mill total to nearly half a million tons a year.

## FASTEST IN WORLD

In the post-war period Powell River has spent \$51,000,000 in plant expansion and improvement, and another \$20,000,000 will be spent on the present construction program.

Powell River has one other

distinction. It was the first mill to have a machine that turned out 2,000 feet a minute. In the paper industry this is equivalent to the four-minute mile in athletics or breaking the sound barrier in aeronautics.

## AVERAGE RAIL WAGE REDUCED

Average annual earnings of railway employees in Canada decreased by 1.3% last year to \$3,371 from \$3,416 in 1953. The 1952 average was \$3,126.



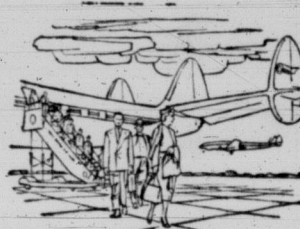
"We particularly like TCA telephone service. This is the third year we have flown from Toronto to Tampa and return. We feel TCA is one of the finest airlines we have travelled on."

— (U.S.) Passenger Citation (Toronto to Tampa)



"I called for reservations during the weekend rush. It was only a short trip, but they couldn't have taken more trouble if I'd been going to Timbuctoo. I'm most grateful."

— Passenger Citation (Vancouver to Victoria)



"I recently completed between 6,000 and 7,000 air miles on TCA across Canada. After very considerable experience in air travel over the world I can say your adherence to time-tables was phenomenally good."

— (British) Passenger Citation

"The high standard of efficiency ...ground and aloft"

"The high standard of efficiency, courteous service and comfort remain unimpaired. As a veteran of many flights I would like to commend you on the calibre of your employees, ground and aloft."

— Passenger Citation (Edmonton to Vancouver)



## "Behind the Scenes"

J. GURNEY, master-mechanic at TCA's Winnipeg shop, has had 15 years experience in checking and overhauling aircraft engines.

## Technicians of many skills keep TCA's whole fleet "young"

Of TCA's 8,500 employees, 3,500 are technicians tending the fleet! Most of them you never see. Yet together they play an astonishing role. For instance, this year new Super Constellations and new Viscounts will up TCA's seat capacity a whopping 25 per cent. Yet in operational efficiency these gleaming new aircraft are no "newer" than veteran North Stars.

Why? The answer is Preventive Maintenance, as carried out by throngs of TCA technicians at Montreal airport and the Winnipeg Overhaul base — one of the best-equipped in the world.

Every component part of every engine, propeller, instrument and accessory in every TCA aircraft has its fixed "life-span". Nothing is allowed to age — it's replaced. At each periodic overhaul the records are consulted, the age of each part is noted; if its TCA "life" has expired it comes out, though apparently in perfect running order!

Keeping TCA's magnificent fleet new and "young" as well as keeping it flying perfectly — that's one of the achievements of TCA's army of skilled technicians "behind the scenes".



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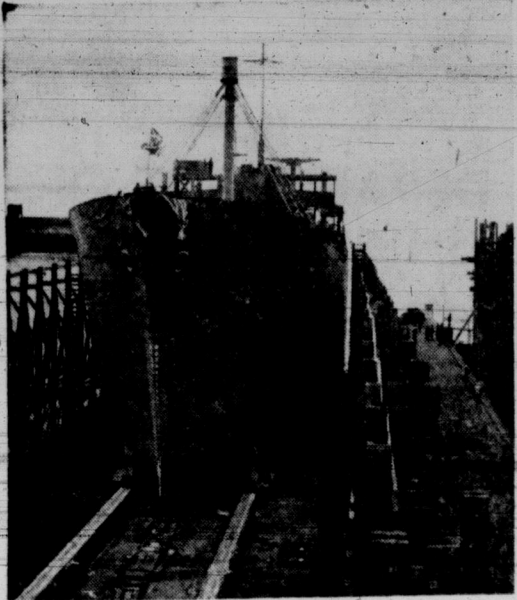






# In the Vanguard of Vancouver Island's Industrial Progress

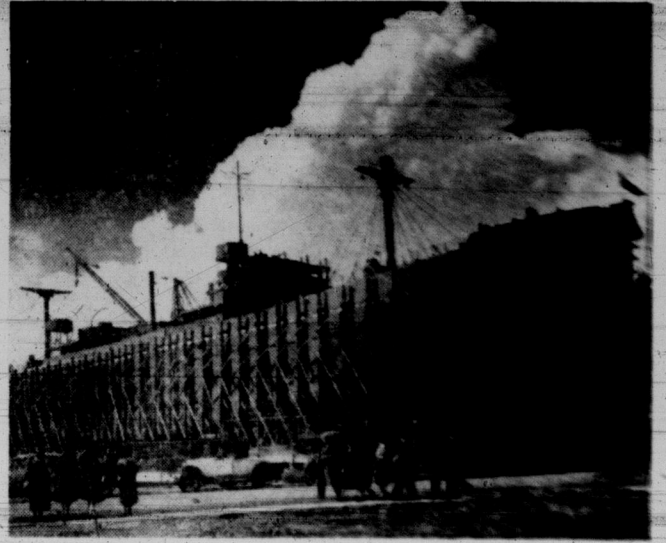
## VMD FIRST Ashore and Afloat



**First 8,400-Ton Cargo Ship.**  
First World War Built and Launched on Vancouver Island  
SS. "CANADIAN WINNER" launched by Harbour Marine Ship yard, VMD subsidiary, 1918-1919. First of two Steel Vessels built during the latter stages of First World War.

The great achievements in the ninety-two-year history of one of Victoria's oldest industries, Victoria Machinery Depot Co. Ltd., should make us all feel just a little more proud of our island home. Consider these "firsts" on Vancouver Island—8,400-ton steel cargo ship during First World War and 10,000-ton ship in Second World War—first "Influence class" Mine Sweeper, Destroyer Escort Vessel, and first Gate Vessel ever built and launched on Vancouver Island—first large diameter waterworks mass-produced pipe, pulp digester, cast steel Turbine Ring, Propane bulk Storage Tank, whale and fish reduction machinery—and the first Boiler Plate Rolls in British Columbia capable of rolling 3" plate. VMD has grown great in stature and service because of the foresight of its founders, the craftsmen and workers who are part of VMD and the sound administration of the two parent plants and the Up-Island subsidiary, Nanaimo Foundry and Engineering Co. Ltd.

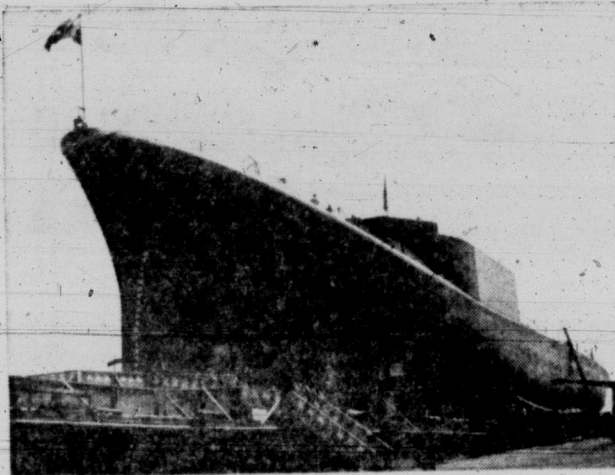
In peace and in war, VMD serves the ever-expanding industries of the Pacific Northwest—ashore and afloat.



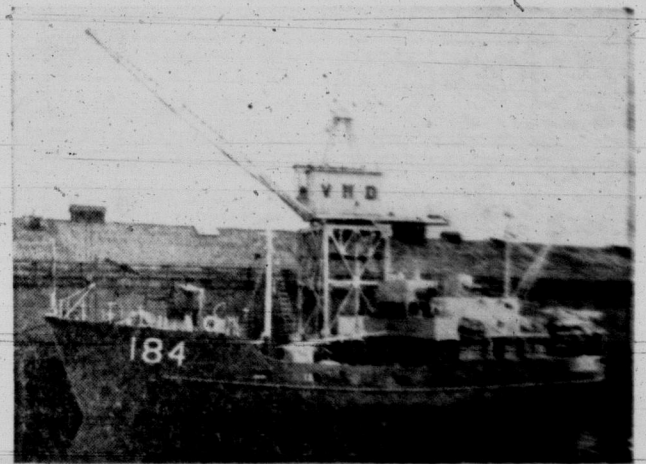
**First 10,000-Ton Cargo Ship.**  
Second World War Built and Launched on Vancouver Island  
SS. "FORT CAMOSUN" launched Feb. 21, 1942. First of 30 Cargo Vessels, Tankers and Merchant Ships built during Second World War period.



**First "Influence Class" Mine Sweeper.**  
Built and Launched on Vancouver Island  
H.M.C.S. "COMOX" completed and turned over to the Royal Canadian Navy, March, 1934.



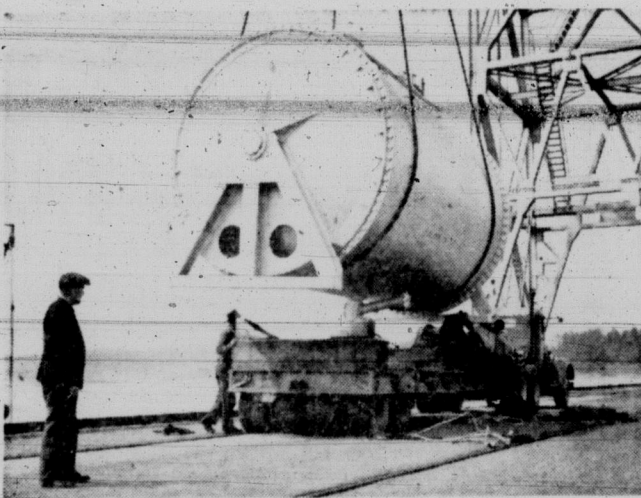
**First and Largest Destroyer Escort Vessel.**  
Built and Launched on Vancouver Island  
H.M.C.S. "TERRA NOVA" launched June 21, 1955.



**First Gate Vessel.**  
Built and Launched on Vancouver Island  
H.M.C.S. "Porte de la Reine" turned over to the Royal Canadian Navy, October, 1952.



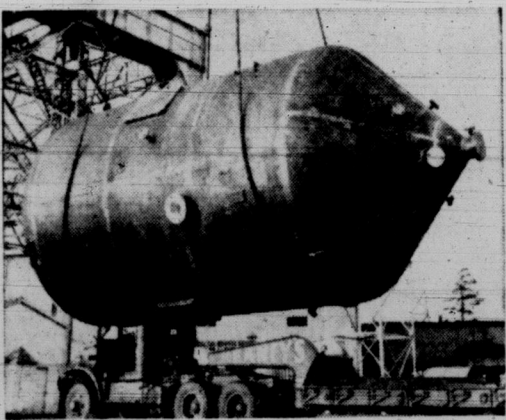
**First Large Diameter Waterworks Mass-Produced Pipe on Vancouver Island.**  
This Plant is capable of producing one-half mile of 36" pipe per day.



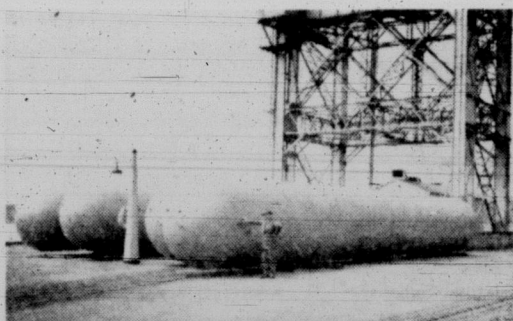
**First Whale and Fish Reduction Machinery.**  
Produced on Vancouver Island and sold all over the world.



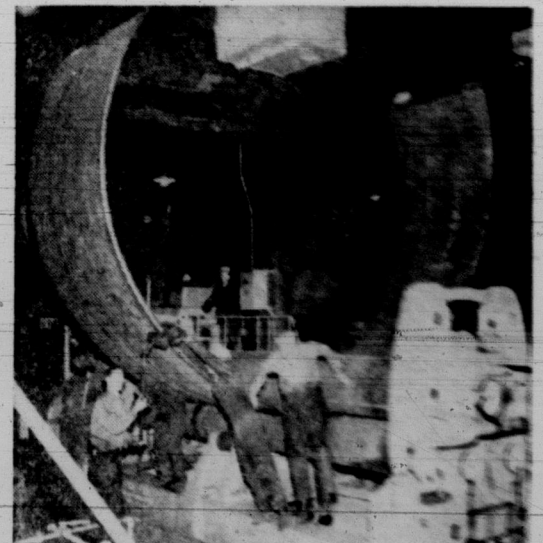
**First Cast Steel Turbine Ring Built on Vancouver Island.**  
For John Hart Dam.



**First Pulp Digester Built on Vancouver Island.**  
This vessel was built to the order of Canadian Forest Products, Vancouver, B.C., for their Port Mellon Pulp Mill-Operation. The vessel was manufactured from heavy 2 1/4" and 2 1/2" plate, fully x-rayed and stress relieved. The Digester weighed 50 tons.



**Propane Bulk Storage Tanks.**  
First Built on Vancouver Island  
VMD are the largest suppliers of these vessels in Western Canada.



**First Boiler Plate Rolls on Vancouver Island or in British Columbia capable of rolling 3" Plate.**  
Photo shows rolling high tensile 2 1/2" thick boiler plate.



MEN OF VMD

**Front Row—left to right:**  
T. Chastell, Supervisor of Stores; G. Barker, Maintenance Foreman; R. Hopkins, Chief Draughtsman; L. Buchanan, Electrical Foreman; F. Knight, Superintendent No. 1 Yard; H. Hymill, General Manager; H. Husband, President and Managing Director; T. Kennedy, Manager, Engineering and Procurement; F. Diment, Engineering Superintendent; R. Shaw, Foundry Superintendent; M. Kerrigan, Foreman Pipe Fitter; F. Anderson, Foreman Boilershop; No. 1 Plant; N. Barker, Mechanical Designer.

**Back Row—left to right:**  
L. Passmore, Storekeeper No. 2 Plant; V. Holzer, Purchasing Agent; V. Bullock, Steel Supervisor; T. Moffett, Works Manager; K. Richmond, Naval Stores Supervisor; N. Rhode, Foreman Welder; J. Lyons, Safety Director; J. Bass, Naval Architect; D. Munroe, Foreman Steel Fabrication; Plant No. 2; A. Perrins, Foreman Machine Shop; Plant No. 1; H. Macklin, Dockmaster and Foreman Shipwright; Plant No. 1.

**Missing from Photograph:**  
J. Gilbert, Hull Superintendent, Plant No. 2; J. Warwick, Foreman Shipwright, Plant No. 2; R. Pennington, Storekeeper, No. 1 Plant; J. Corrie, Foreman Pattern Maker, No. 1 Plant; D. Cave, Welding Engineer; D. Taylor, Comptroller, R. Mainwaring, Chief Accountant; G. Johnson, Security Officer; J. O'Connor, Paymaster; E. Ash, Ruger Foreman; V. Ahler, Press Foreman.

## VICTORIA MACHINERY DEPOT CO., LTD.



# B.C. Mining Horizons Bright

## Industry Gives Youth Exceptional Prospects

(The following article is taken from the text of a paper by C. H. Wright, consulting chemical engineer, and L. Telfer, exploration superintendent, both with Consolidated Mining and Smelting Company of Canada Limited, and presented at this year's B.C. Natural Resources Conference. The article deals with the mineral industry of British Columbia with reference to the skills required and the opportunities which the industry offers, particularly to young men.)

The quality and particularly the enterprise of the people of British Columbia, past and present, have probably had a greater effect on the continuous and healthy development of the province than any other factor or resource.

This is just another way of saying as is often said—but also often forgotten—that our people, particularly our young people, are our resource of greatest potential value.

Mineral discoveries in British Columbia from its earliest days of white settlement have had an outstanding influence on the opening up and development of the province and there is no sign of diminution in this respect in the foreseeable future.

### PLACER GOLD FOUND

It was just a century ago in 1853 that placer gold was first found in British Columbia at the mouth of the Pend-Oreille River. Coal had been discovered in 1837 and free gold in quartz at Mitchell Harbor in the Queen Charlotte's in 1852. Subsequently, prospectors and miners also penetrated along the waterways into the Cariboo and the Kootenays. Up to about 1890, mining in British Columbia was almost entirely confined to coal and placer gold.

In that year the mining industry of the province had an annual production worth only \$2,608,800. From 1890 to 1925 several base metal mines—lead, zinc and copper—were opened and a number of adjacent smelters established. Since 1925 there has been a spectacular period of expansion so that now the mining and metallurgical industry in B.C. is the main economic support of many areas and provides the second largest income of any industry in the Province.

In 1953, the annual production had grown to \$152,000,000 which was about 18.5% of the total value of production from all B.C.'s basic industries.

### VARIED PRODUCTION

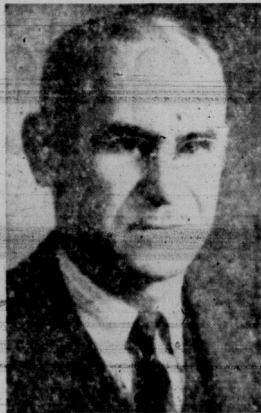
It has developed from its crude beginnings of just a century ago into an industry with a large and varied production of ores, concentrates, refined metals and chemical products. Its underground and surface works are in many cases models of engineering. Its modern operations, together with its exploration and geology, research, engineering and business opportunities offer many interests and inducements to the young man with keen spirit, good physique and a willingness to work.

In 1953, the last year for which complete figures are available, the mineral industry employed directly 13,658 persons to whom \$55,543,490 went in salaries and wages.

This does not include the employment provided by exploration for gas and oil, or the major construction jobs carried out for the mining industry, such as the one at Kitimat which alone had a payroll of some 3,200 men.

Wages paid in the mining and metallurgical industry of B.C. are among the highest in any industry in Canada. This favorable position is partly due to the year-round employment in jobs which pay rates that are comparable to the rates paid for seasonal employment.

The mining industry generally is very alive to the fact that to be efficient, men have to be satisfied both with their jobs and with the conditions under which they live. Group insur-



DR. WRIGHT

### RECREATION CENTRES

Nearly all mining communities have developed recreational centres where skating, hockey, curling, gymnasium sports and other activities of community interest are possible. At the more remote mines, recognition of the isolation is shown by transportation and holiday provisions that permit an employee to obtain recreation near the more populated centres.

In general, a mining community is specially minded due to the common interests that are developed by working together.

A study of mine employment in the United States has determined that each man in the mining industry, directly or indirectly, provides a livelihood for 12 people. On this basis, about 190,000 people in British Columbia today depend to a large extent on the mining industry for their living.

### PROGRESSIVE SPIRIT

A good example of a fully developed mining community is provided by Kimberley where the mining and concentration operations of Cominco are located. About 8,500 people in the town and a number of adjacent communities of the area are dependent on these operations.

The year-round employment permits a relatively large individual ownership of homes and encourages a very active and progressive spirit of community development. With its hospital, modern schools, stores, parks and recreational facilities, Kimberley and its environs offer as much for its citizens, particularly the younger people, as can be found in any of the larger cities of the Province.

### MODERN VILLAGE

Copper Mountain, where some 500 men are employed, is fairly typical of many mine townships. A small modern village has grown up in the vicinity of the mine workings, but the popula-

tion depends on the larger community of Princeton for hospital treatment and part of its shopping and recreational facilities.

### MORE RESEARCH

All these and miscellaneous industrial minerals, structural materials, acid and fertilizer products, and coal products require increasing attention by research staffs to see that the consumer receives the products that he specifies.

In addition to its assistance to the operating departments in producing a satisfactory product, a research group has to be interested in new processes, new uses and new markets for products and all new methods for finding ore deposits.

In a highly competitive industry the developing and holding of a market is as important as production of the finished product. The life of a mining company depends on finding new sources of mineral wealth to replace those it is depleting, hence the new techniques using geological, geophysical and geochemical methods which have been developed as the result of research investigations.

Since modern civilization depends so largely on the use of metals, industrial minerals and mineral fuels, few industries offer more attractive opportunities for skilled men interested in the unlimited research field.

What is the future outlook in British Columbia for the mining industry in relation to its people?

### RICHLY ENDOWED

It would appear that this province with a long coast line on the Pacific, with its excellent deep water harbors and with its extensive mountainous terrain, rich in mineral wealth and with vast hydro electric resources is most favorably and richly endowed and ready for a great industrial expansion.

The marked development of the past half century will probably be relatively small compared to those that will take place during the next fifty years.

The fact also that we are immediately adjacent to one of the largest and wealthiest markets in the world which is hungry for cheap hydro power and mineral products, including natural gas that we have in large quantities, augurs well for the future.

Considering these facts, together with the great dependence of our Province on exports, which will no doubt continue

for many years, it will be necessary to maintain and extend our initiative and skill in discovery, development, processing and marketing of our latent mineral wealth and its products.

### GOOD TRAINING

With its excellent university, schools and other training centres B.C. can look forward with confidence to their leaders moving fast to meet the increasing demands for more engineers, scientists, skilled tradesmen and supervisors.

This challenging need is already here and will probably continue for a considerable time.

The total number of engineers of all kinds graduating in 1954 from Canadian universities amounted to 1,254. Of course, there were only 34 graduates in mining engineering and 34 in metallurgical engineering.

This is a matter which requires some action if it is accepted that prospective mineral developments in British Columbia and in other parts of Canada offer spectacular opportunities to young Canadians.

There should be a new and stirring appeal to our youth that in entering the mining and metallurgical profession

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Your Best Move is a PRE-PLANNED Move... in a Clean, Sanitized Van!

We specialize in local and long distance moving, packing, shipping and storage.

No matter where you move in U.S. or Canada, our service is at your command. Let us show you how we can serve you BEST. Experienced movers, modern equipment and personal attention are yours to the final detail. Your possessions are transported in modern, sanitized vans.

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**JEEVES BROS.**

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2514 Douglas Phone 3-9832

## Vancouver's Mayor Custom Ports Grew Busier Year by Year



FRED HUME

Serving his second term as mayor of Vancouver, Fred Hume is president of Hume & Co. and with a high capacity Rumble, the biggest electrical contractor in the province. His Canadian National Railway, and unfolding in greater scope, firm has done most of B.C. Elec. approximately 38 cents goes for and variety than ever before.

trics high voltage line work wages.

### Imports and exports through British Columbia custom ports:

	Exports	Imports
1945	\$278,000,000	\$113,000,000
1946	200,000,000	128,000,000
1947	380,000,000	195,000,000
1948	370,000,000	200,000,000
1949	454,000,000	217,000,000
1950	449,000,000	262,000,000
1951	601,000,000	353,000,000
1952	678,000,000	312,000,000
1953	675,000,000	361,000,000
1954*	\$17,000,000	\$40,000,000

\*Estimated.



## DEPARTMENT OF MUNICIPAL AFFAIRS

Municipal government is now big business. This year the municipalities in British Columbia will spend for the benefit of their citizens some one hundred million dollars.

Because of the close and continuing relationships which must exist between the Provincial and the municipal government of the Province there was set up a special department of government in 1934 to attend to these matters.

The Department is the medium of communication between the municipalities and the Provincial Government as well as being charged with the duty to give assistance to all municipalities in matters relating to administration and finance and to exercise overall supervision.

Each year, efforts are made to visit each municipality in British Columbia to give on the spot assistance and advice. This, particularly, applies to the smaller communities.

Regulated areas have been and are being formed in the settled areas adjacent to municipalities in order to provide for their orderly development pending the time when they will form a part of a municipality. The regulations cover planning, zoning and building codes and are administered by the Department. Since 1952 over nine million dollars of building has taken place in these regulated areas. One thousand new homes are represented in this figure.

Community Planning organizations of various kinds receive financial assistance through grants given by the Department.

Through the Provincial Secretary's Department, an annual grant of \$50,000.00 has been made available for the purpose of the beautification of the Capital City. The Deputy Minister of Municipal Affairs is the Chairman of the Advisory Committee which recommends to the Government the expenditures relative to this project.

In conjunction with the University of British Columbia, the Department has instituted the Municipal Administration Course to improve the efficiency and knowledge of appointed municipal officials. This is a four-year correspondence course and is proving most successful. Any person desiring to fit himself for municipal employment may apply to take the course.

The Department is presently engaged in the task of revising all Provincial Legislation governing Municipalities. The work is progressing in a spirit of co-operation with the Union of B.C. Municipalities, and other interested groups, and the results should serve to improve the effectiveness of local government throughout British Columbia.

In the short span of the last ten years, 28 new communities have been formed into self-governing municipalities. This is just another indication of the rapid growth of our Province which is being safeguarded by proper planning and control through local initiative.

HON. W. D. BLACK,  
Minister of Municipal Affairs.

J. E. BROWN,  
Deputy Minister of Municipal Affairs.

## Pacific Coast Fire Equipment Co.

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Sole Distributors of RANDOLPH FIRE-FIGHTING EQUIPMENT

for Vancouver Island—with agents covering the Island



SERVICE AND REPAIRS  
to all types of Fire Extinguishers

## New Opportunities

Large-scale industrial development in British Columbia means both new wealth and new investment opportunities in the Province.

British Columbians wishing to participate in the Province's growth through sound investments in its basic industries are invited to consult us.

The facilities and experience of our organization are at their disposal.

Wood, Gundy & Company Limited

714 West Hastings Street  
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Telephone: Pacific 5531



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Victoria  
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# THE SAME SERVICE ★ FOR 55 YEARS!

SERVING THIS AREA FOR OVER HALF A CENTURY — C & C TRANSPORTATION SERVICE IS WELL KNOWN THROUGHOUT THE LENGTH AND BREADTH OF VANCOUVER ISLAND!

At the turn of the century when Victoria was a bustling very young city, C & C Transportation Service began its competent service, offering the convenience of a number of different types of passenger and hauling services.

A half century of progress in this area has brought about surpassing changes as population doubled and redoubled. Every inch of the way, C & C Transportation Service has kept pace with the growing needs of a lively and thriving community. Our fleet of vehicles for use in transportation includes a conveyance for almost any type of "from-here-to-there" operation.



An early sightseeing bus of C & C Triangle Tours—as popular in Victoria's pioneer days as it is today. One of the highlights which makes Victoria so attractive to the tourist.



C & C's fleet of modern vehicles provides every convenience to the tourist and to the residents of this area—from immediate ambulance service to a leisurely tour of the city by limousine or drive-yourself transportation.

# C & C TRANSPORTATION

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- ★ AIRPORT BUS SERVICE
- ★ TAXIS
- ★ U-DRIVES
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SPORTSMAN'S PARADISE

# Tons of Meat Taken Annually In Game, Fish

The wildlife of British Columbia—taking in fish as well as birds and mammals—has a most diversified impact upon the population of this province and the way of life followed here.

To the trapper, of course, hunting is a business. But to most, it is a sport and recreation. But it is one that has its practical application.

**WILD MEAT HARVEST**  
The 80,000 persons who hold licenses to hunt big game birds make a major contribution toward filling their larders. The harvest of wild meat in the province is estimated to be about 6,000,000 pounds annually.

But more important is the part wildlife plays in the British Columbian way of life.

It provides an absorbing recreation that through its several phases seems best

suited to filling a need felt by most people; a need to withdraw occasionally from the artificial environment and behavior routines established by man. This withdrawal may take the form of hunting, fishing, nature study or nature photograph.

It is impossible to place a cash value on these recreation aspects of wildlife yet it is recognized to be of sufficient importance to justify the allocation of large tracts of highly valuable urban land for their exclusive use.

Vancouver Island provides excellent sport for shotgun and rifle, grouse, ducks, geese, bear and deer being plentiful in their seasons. The island, however, is chiefly noted for its fishing. In that regard it is outstanding.

Five species of salmon are indigenous to the coast, but only two take the lure readily the Spring and Coho. The Spring (or Tyee) is nobler of them all.

It takes the troll freely and occasionally the fly and ranges

in weight from a few pounds to as high as 80.

The average weight is about 22 pounds.

**GREAT FIGHTER**  
The Coho is smaller (average weight about 8 pounds) and more numerous; responds readily to spoon or fly, and fights with vigor.

Both are found in the inshore waters of Vancouver Island commonly around Victoria, Cowichan Bay, and Campbell River, and in the Alberni Canal, from July to November.

Magnificent Springs are taken with rod and line at Campbell River and Port Alberni, both of which have their Tyee Clubs, and at other points in July, August, and September. Another notable organization is the Victoria-Saanich Inlet Angler's Association. All of them award "buttons" for fish of specified weight taken under specified conditions, and "trying for my button" is a popular sport with visitors.

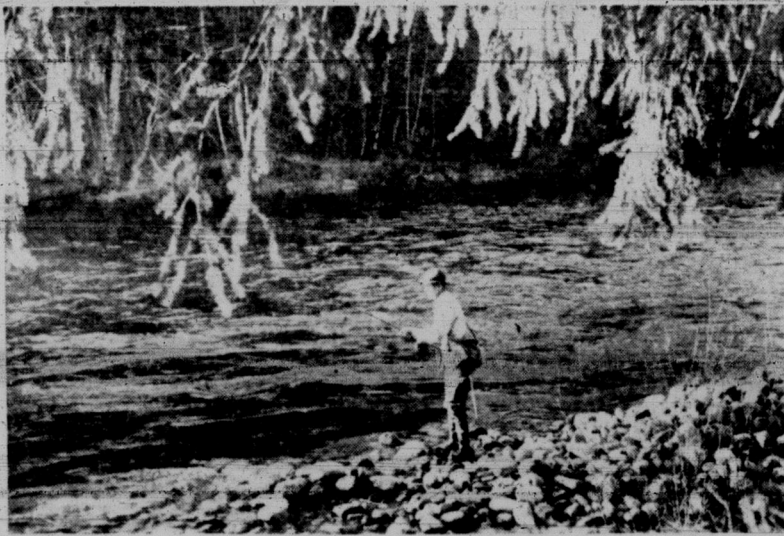
The earlier Cohoes are small, but those of September and October are prime fish and fly-fishing for Cohoes is fine sport.

The use of light tackle is favored. For trolling there are a number of spoons in nickel and copper, in various shapes and sizes, usually from 4 to 6 inches long. Good-sized flies in bright colors with metal bodies are most effective and the reels should have a capacity of not less than 150 yards.

**LIKE EUROPEAN FISH**

The Steelhead, in habit, form, and color closely resembles the European Salmon, and ranges in weight from 8 to 30 pounds. The fresh-run Steelhead is a beautiful fish of flawless silver, but as the spawning season approaches it acquires a tinge of crimson on its flanks. The Coast Steelhead really is a sea trout and ascends the streams only when ready to spawn. The time varies, but as a rule it takes to the rivers in January and February and spawns in March and April. As a game fish it has no equal. The Devon minnow and prawn is very effective.

In the lakes the trout-fishing generally is excellent for fresh water Rainbow and Cut-throat. The Rainbow is a handsome fish of bright silver with an iridescent sheen which is quite unmistakable. The Cut-throat is



Paradise For Stream Fishermen

The British Columbia coastline offers a wealth of fine fishing streams that hold various types of salmon, steelheads, and cut-throat trout. Picture shows an angler fly fishing on the Cowichan River.

Similar in appearance and habits, but usually wears a bright-red mark around the lower jaw. Both take the fly freely.

All the salmon-fishing resorts on Vancouver Island and most of the finest lakes and rivers are on the main highways, and even where removed from the highway system are still not difficult of access.

Roughly, the seasons may be said to be: for Spring salmon, June to September; for Tyees, August to the early part of September; for Cohoes, August to the early part of October, with sometimes an earlier run; for Steelhead, December to the first week in March; for Rainbow and Cut-throat, March to October.

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Manufacturers of the Famous

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- Valve Manufacturing

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## Demand of Rapid Growth

PRINCE GEORGE—Because and made a department of its of increased building activity. S. J. Howarth has been appointed as the city's first municipal assessor's department.

## MUNICIPALITY OF SAANICH

Incorporated 1906

"Vancouver Island's Fastest Growing Municipality"

Population, 1941 Census	18,173
Population, 1951 Census	28,481
1955 Population as estimated by Capital Region Planning Board	34,100
Gross Debt, December 31, 1954	\$3,502,650.00
Net Debt, December 31, 1954	\$3,426,718.00
Net Debt per capita, based on 1951 census figures	\$ 120.32
As at December 31, 1954, sinking funds on hand exceeded the amounts required by law by	\$ 15,866.00
Capital Assets December 31, 1954	\$4,783,355.00

Saanich, immediately adjacent to the City of Victoria, comprises 38 square miles and includes some of the finest residential property in the Greater Victoria Area. The Municipality is well known for its small fruit, vegetable and bulb farms, and contains some of the most beautiful gardens on Vancouver Island.

New houses constructed for the 10-year period January 1, 1945, to December 31, 1954.....4,863



## Famous Spot For Tyees

Campbell River is one of several top-class fishing holes for the lordly spring salmon. Here is one weighing 60 pounds caught by a fair angler at Campbell River. Spring have been taken over 80 pounds.

### MORE BIRTHS

219,469 births were registered in Canada in the first half of this year, 3% more than a year earlier and over 13% more than the half-year average for the five years 1950-54.

## BAZAN BAY BRICK & TILE LTD.

Established 1910

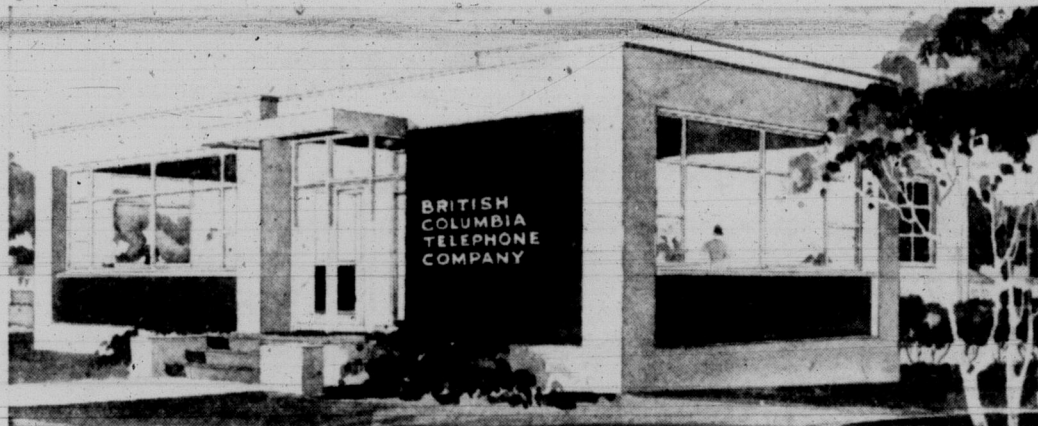
- Agricultural Tile
- Building Tile
- Brick

PAT BAY HIGHWAY, North-Saanich  
Phone SIDNEY 442

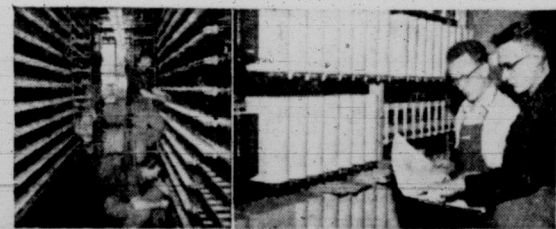
### For Buildings—

Construction of new buildings and additions or alterations to almost every other building in our territory will cost us a total of

\$1,200,000



One of the company's many new buildings is the modern Kitimat central office, above, now under construction.



### For Central Office Equipment—

The installation of additional dial and manual telephone facilities in exchanges throughout the system will amount to

\$7,700,000

### For Outside Plant—

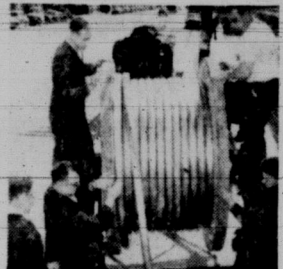
Millions of feet of wire and cable are required to link telephone subscribers to their exchanges. Proposed additions to outside plant this year will cost

\$4,900,000

### For Subscribers' Facilities—

The end result of most telephone expansion projects is, of course, the telephone itself. In 1955, to install thousands of telephones, P.B.X. switchboards and related subscribers' facilities, we will spend, for equipment and labour

\$5,100,000



### For Long Distance Facilities—

To forge new links in the chain uniting booming B.C. communities with each other and with the rest of the world will require long distance circuit additions costing

\$2,100,000

Our 1955 program is a big one—and it's only a continuing part of the B.C. Telephone Company's year-by-year program to match this Province's phenomenal growth.



BRITISH COLUMBIA TELEPHONE COMPANY

## BRITISH COLUMBIA

during the current year is undertaking the following

### PROJECTS

Involving a gross expenditure of \$42,079,780 without borrowing at a net cost to the Province of \$31,683,141

Roads, Bridges and Ferries	\$29,486,680
Forest Development and Mining Roads	1,261,000
Construction of Provincial Buildings	8,938,100
Okanagan Flood Control	1,402,000
Textbook Rental Plan Loss	115,000
Sundry Recoverable Expenditures	877,000
	\$42,079,780

The financing of this ambitious program without borrowing means an immediate saving in interest payments and redemption provisions, and will materially assist future Budgets.

The Public Debt of the Province at August 2nd, 1955, reflects the effect of this policy as is shown in the following tables:

### NET PUBLIC DEBT

	Amount	Per Capita
February 25, 1952	\$191,091,839	\$164.00
August 2, 1955 (Estimated)	125,589,428	96.46
Reduction	\$ 65,502,411	\$ 67.54

## DEPARTMENT of FINANCE

HON. W. A. C. BENNETT  
Premier and Minister of Finance

J. V. FISHER  
Deputy Minister



# Victoria Growth Has Many Facets

Greater Victoria has grown by about 40,000 people since the Second World War. But that is like saying Gina Lollobrigida has grown an inch taller.

Miss Lollobrigida has other interesting dimensions besides height, and Victoria, others besides population. While Victoria has grown 50 per cent in population, for instance, it has expanded just as much in its standard of living.

Economists regard the use of energy as a reliable indicator of true economic growth. Statistics for some sources of power, such as gasoline and coal, are not readily available for Greater Victoria, but the demand for electricity indicates a real growth of nearly 100 per cent in all dimensions.

In 1945, the peak electrical demand south of Duncan was 36,700 kilowatts. In 1954, it had increased to 69,154 kilowatts.

A less accurate indicator of the growth of the area, because it involves the changing value of money, is purchasing power. But even allowing for post-war inflation, the figures show a steep climb.

Retail sales in the Victoria metropolitan area in 1941 totalled \$36,761,400. The next figure available is for 1951, when retail sales totalled \$102,408,500. In 1954 the total was \$113,000,000 and the present estimate for 1955 is \$116,000,000.

The monuments along Victoria's upward path in the past 10 years are many, although some reflect the growth of the nation and the province as much as the growth of Victoria.

## FINE NEW BUILDINGS

They include the Douglas Building and several "temporary" provincial buildings clustered around the main Legislative Buildings, the new federal building, the Veterans' Hospital, the maternity building at Royal Jubilee Hospital and the new wing at St. Joseph's, the B.C. Toyer Commission building, the B.C. Forest Products plywood plant and the Sooke Lumber Company plywood plant, the B.C. Electric building now nearing completion, the addition to the Victoria Public Library, the Odeon Theatre, the Victoria Press building, the A. P. Slade warehouse, several new super-markets, new schools, the Memorial Arena, Woodward's store, the Patricia Bay highway and new Island highway outlet, and enough new apartment blocks to change Victoria's mode of living.

## SWING TO APARTMENTS

Thirty-two per cent of the population of Victoria now live in apartments. (Back in 1921, only two per cent did.)

The physical growth of Greater Victoria since the war is also evidenced by literally thousands of new homes. The four municipalities of the metropolitan area have issued building permits in the past 10 years for more than \$120,000,000 worth of new construction.

This figure, of course, does not take into account the millions of dollars spent on construction for which no permits have been required—such as roads, bridges, sewers and defence projects.

Since the war, Esquimalt municipality has issued building permits for construction valued at \$5,892,000. The figure for Oak Bay is \$15,969,000, for Saanich \$31,201,000 and for Victoria, \$66,446,000.

## SAANICH MUSHROOMS

About 5,000 new homes have been built in Saanich in the period. In Oak Bay, the total of new single-family houses has run fairly consistently at slightly more than 100 a year. In Victoria City, the total was in the high 300s for the first few years after the war, but dropped to 113 in 1953 and 133 in 1954.

The steady growth is continuing and apparently accelerating. Housing experts believe that the total of new homes in Greater Victoria for this year may amount to a record total of 1,400.

The new homes—and especially the new young families occupying most of them—have necessitated the construction of millions of dollars' worth of new school space.

In 1947, the Greater Victoria school population was

9,368. In the 1954-55 school year it had grown to 15,223—an increase of nearly two-thirds.

The influence of the young families can be seen clearly in these figures, because the total population did not increase by nearly as large a proportion in the same period.

Population of the Victoria metropolitan area in 1941 was 55,560. No accurate estimate for the immediate post-war years is known. Estimates made at the time turned out to have been over-optimistic when the 1951 census was taken.

## ESTIMATED POPULATION

In 1951, Greater Victoria had 104,303 people. The present estimate for the area, including Victoria, Oak Bay, Saanich municipality, Esquimalt, Central Saanich municipality and the Indian reserves, is 115,100. Residents of the rest of the Saanich peninsula and View Royal are estimated to number approximately 8,000.

The schools built in the Greater Victoria school district in the past 10 years, and their costs, include Doncaster, \$105,500; Frank Hobbs, with an addition, \$81,000; View Royal, with an addition, \$172,500; James Bay, \$120,000; Strawberry Vale, \$25,500, with a \$25,500 addition; Richmond, \$32,500; Victoria High addition, \$246,299; Esquimalt View High addition, \$158,500; Mount Douglas High addition, \$158,000; Lansdowne Junior High, \$379,000; S. J. Willis Junior High, \$28,500; Central Junior High, \$897,500; Oak Bay Junior High, \$689,000, and F. T. Fairley vocational school, \$247,000, as well as eight annexes at \$9,000 each—a total of \$4,854,000. Half a dozen more school projects—including a \$500,000 Colquhoun junior high school—are in progress or soon to be started.

## MORE CARS USED

Motor vehicle registration figures are statistics which, like the figures for use of power, give an indication of growth in more than one dimension.

In 1945, licences were issued from the Victoria office for 12,515 passenger vehicles and 3,879 commercial vehicles.

In 1954, the Victoria office issued licences for 50,232 passenger vehicles and 15,268 commercial vehicles.

Even allowing for the effects of gasoline rationing and the shortage of cars for sale in 1945, the growth has been tremendous.

Whether Victoria has been growing in industry has sometimes been questioned. One statistical tabulation obtained in studying the situation showed that since the war, seven industries had moved into Victoria but six had folded up or moved out. This table indicated, however, that the new firms employed 600 people compared with 350 for the firms that left.

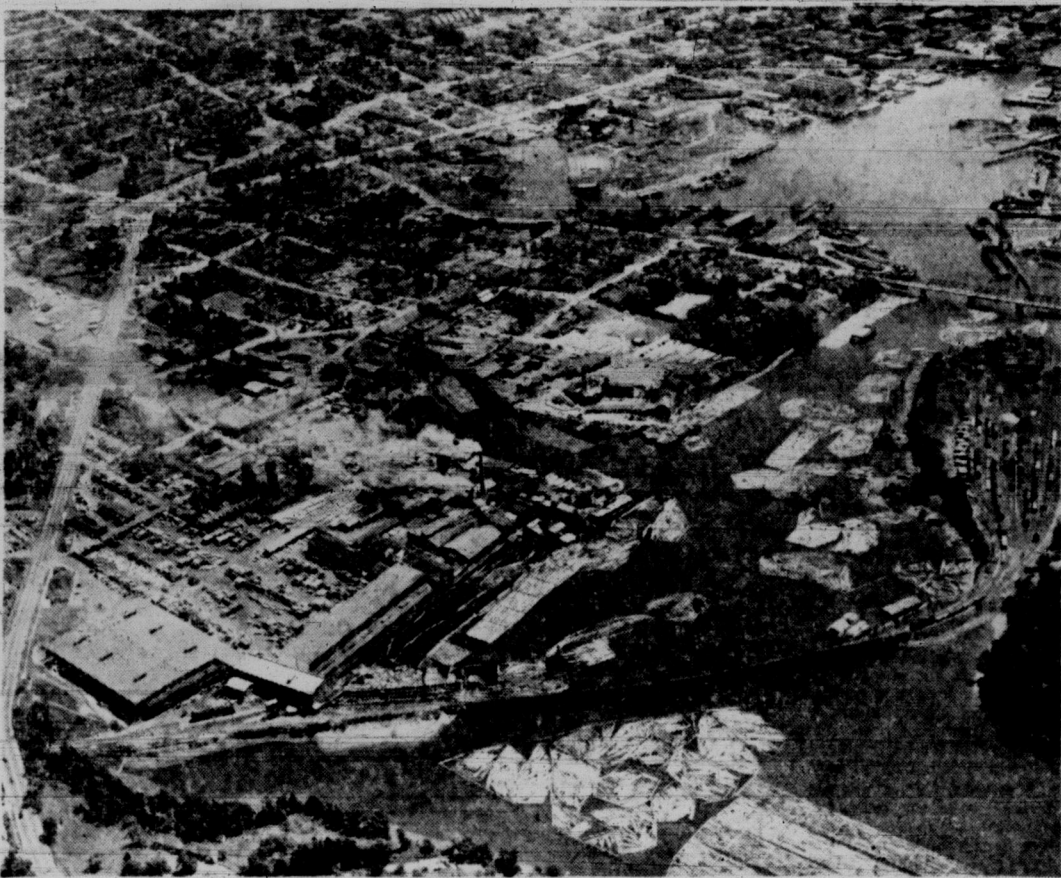
## BIG SAWMILL PAYROLL

The employment figures, moreover, were doubtful. B.C. Forest was shown as having 300 employees. Today it has 1,045 employees in its Gorge Road operation, with an annual payroll of \$3,550,000.

Strictly industrial payrolls in Greater Victoria in 1954 were estimated to total \$42,600,000, compared with \$27,190,000 in 1948. The number of employees on these payrolls increased only slightly, however, and the number of companies declined.

But shipping figures for the port of Victoria indicate that industry is far from dying in the area.

Cargoes loaded for foreign countries totalled 223,716 tons in 1946. In 1947 they grew to 330,233 tons; then dropped back to a couple of years. In 1950, Victoria shipped 374,861 tons. The total climbed in succeeding years to \$879,539 in 1953, the last full year for which a figure is available.



## Industrial Heart of the Capital City

This aerial view shows Victoria's industrial heart—the B.C. Forest Products plywood plant and Selkirk water, spanned by the CNR trestle, in the foreground, then Point Ellice Bridge and beyond it, the inner harbor and Rock Bay.



## Sign of Growth

Victoria's Memorial Arena is one of many major construction jobs undertaken in the area since the Second World War. Building permits have been issued for \$120,000,000 worth of construction in Greater Victoria in 10 years.

## Gabriola Gets Power

Electricity came to Gabriola Island on July 20 when the Commission's new distribution system was energized to serve about 140 homes and businesses.

It is the first central station electrical-service for the island, located off the east coast of Vancouver Island, just south of Nanaimo.

## LONGEST OVERHEAD SPAN

The system is fed from the Commission's Vancouver Island lines from a new substation at Cedar. Two overhead crossings span Dods Narrows and False Narrows, the latter being the longest span in the Commission's province-wide facilities.

Stretching for 3,000 feet, the four-conductor crossing is unique in that yellow painted aluminum balls have been strung at 200-foot intervals to warn aircraft which often fly along the narrows at low altitudes. It is 90 feet over the water at the point of lowest sag.

Altogether, there are about 30 miles of line in the three-phase 6,900/12,000-volt distribution system on Gabriola.

## Ship Builder



## HAROLD HUSBAND

One of Victoria's leading industrialists, Mr. Husband is managing director of Victoria Machinery Depot, which has two yards in Victoria harbor. Since the war the yards have built a number of trim vessels for the Royal Canadian Navy. VMD also manufactures pipes and tanks for the oil industry. Mr. Husband is also head of the Vancouver Island Coach Lines.

## Hard Board Output Grows

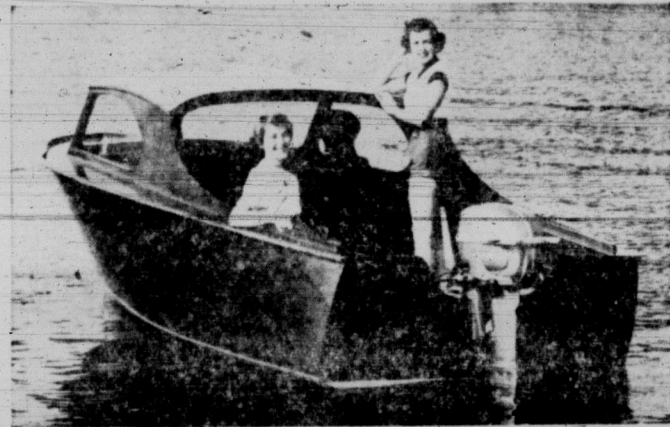
Canadian production of hard board increased to 17,614,514 square feet in June from 12,990,236 a year earlier to put output in the first half of 1955 at 91,671,186 square feet versus 73,586,793 last year. Domestic shipments rose to 11,001,983 square feet from 9,203,479 in June and were slightly higher than last year in the first half at 56,581,991 square feet versus 56,408,152. Export shipments were up sharply in both periods, increasing to 6,918,986 square feet from 2,572,766 in June and to 35,761,338 square feet from 16,210,194 in January-June.

The Grand Trunk Pacific, now part of the Canadian National Railways, reached Prince Rupert in 1914.

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## Inland Natural Gas Company Ready to Bring Gas to B. C. Interior



to the interior of British Columbia. Inland Natural Gas is prepared to distribute gas along the route of the Westcoast Transmission Company Limited pipeline.

Through our wholly owned subsidiaries—the Peace River Transmission Co. Ltd. and the Grande Prairie Transmission Co. Ltd.—Inland Natural Gas Company is now actively engaged in the transmission of natural gas to northern B.C. and Alberta communities.

Natural gas will provide cheap and efficient fuel for the full utilization of the vast natural resources of this fast-developing inland empire.

Today, we stand ready to bring all the benefits of natural gas



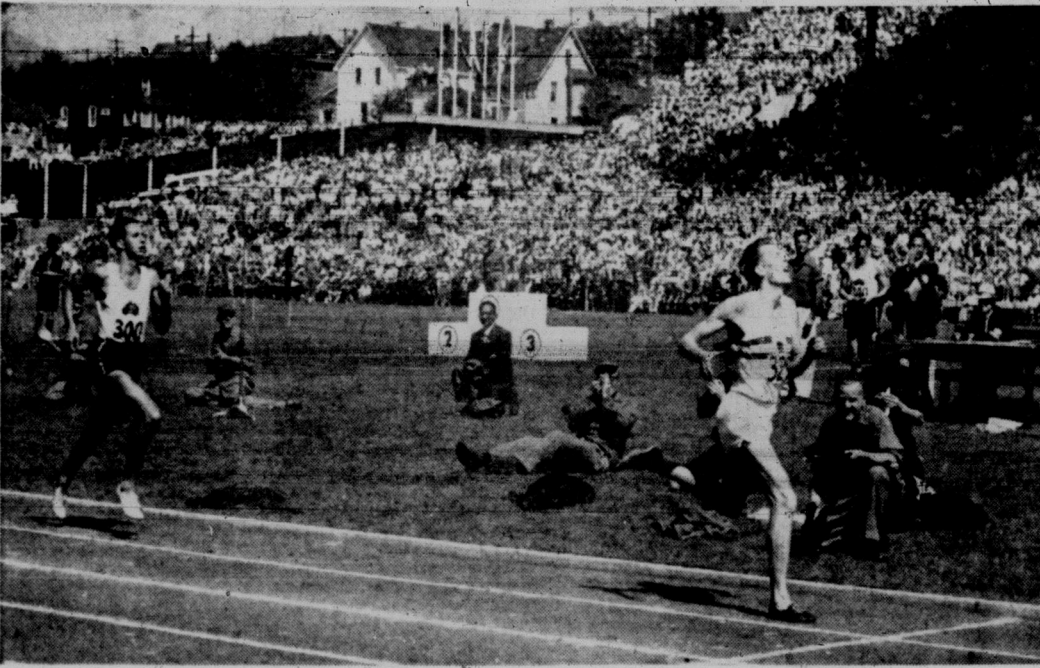
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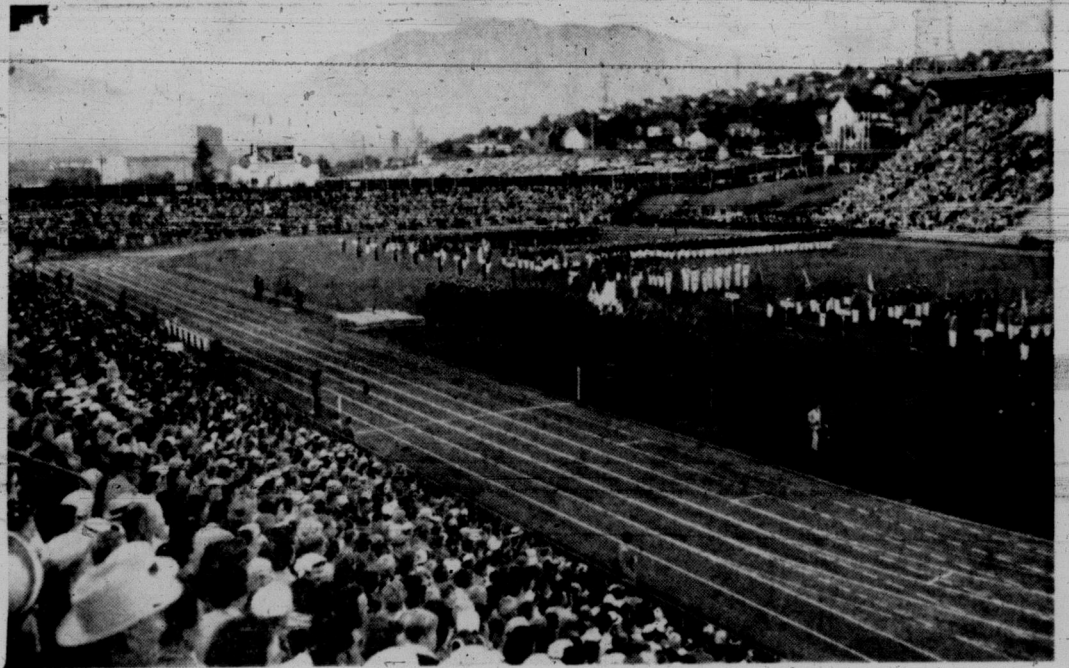




## Bannister Wins Famous Mile To Highlight Vancouver's Empire Games

Superb sporting engagement of B.C.'s 1945-55 was the holding of the Empire Games at Vancouver in 1954. The most talked-about individual event was the mile in which Dr. Roger Bannister (above) is seen

winning by about five yards from John Landy, of Australia, in the magnificent time of 3 mins., 58.1 seconds. Bannister previously had been the first man to break the four-minute mile. The picture on the



right shows the Empire Stadium, specially built for the Empire Games, with teams of the Commonwealth countries lined up on the field before the official opening. The Stadium, a permanent reminder of the

Games, is now the home of the B.C. Lions football club. It is also used to house other big sporting events for which there was hitherto no suitable venue.

### UNMATCHED IN FIELD

## B.C. Sport Enjoys Growing Boom

The boom is on in British Columbia's ever-widening sports circles.

Solidly grounded on a foundation of outdoor sports, well-known in all parts of the world, British Columbia has grown in the field of participant and spectator sports in recent years to a point where it can match its output of athletic entertainment with that of any province in the Dominion.

The fishing of Vancouver Island and the hunting of the interior of the province have a patented fame that lures tourists by the thousands across the provincial and U.S.-Canada border.

But it is not in this field alone that British Columbia asserts its interest in the sports world. The province is a stronghold in hockey. Probably no other province in Canada can boast of a greater interest in Canada's national sport, lacrosse. Canadian football has taken a stranglehold on the sports interest of B.C. citizens since the admission of the British Columbia Lions, with headquarters in Vancouver, into the Western Interprovincial Football Union.

### CURLING POPULARIZED

Easterners settling in British Columbia have kindled a fast-

growing interest in the sport of curling, rinks popping up like mushrooms in cities big and small.

Since the end of World War II, there has been a trend in British Columbia to move away from the community sports into the glare of the "big time"—to sports activities on a broader national plane.

Both Victoria and Vancouver, since the end of the war, have ventured, unsuccessfully, into professional baseball. Both cities held franchises in the Western International League, competing with teams in the Pacific Northwest. However, the high costs of minor-league baseball, low budgets and slowly dwindling fan interest sounded the death knell to both teams.

But the death of one league in the province may have paved the way for the emergence of another. Hopes are high in Vancouver that a franchise in the class AAA Pacific Coast League, one step from the major leagues, will be awarded to the bustling seaport city before the start of next season. Leaders in the Coast League campaign in Vancouver state the city and the province are ready for higher-class baseball.

### FOOTBALL ARRIVES

Abortive attempts were made to promote professional football in B.C. before the war but they fell flat as yeastless bread.

But a dynamic, ulcerated ex-newspaperman named Annis Paul Stukus appears to have put B.C. on football's map.

A former Toronto player and a former Edmonton coach, Stukus was hired before the 1954 season to bring a team to B.C. Acting as coach, manager, trainer, chief scout and public relations officer, Stukus created a province-wide interest in a team that won only one game out of 16.

This year, with an almost unlimited budget, Stukus appears to have a team that can match in quality the enthusiasm of its followers.

The enthusiasm will spill over B.C.'s borders in November when the spectacular Grey Cup final, between the eastern and western champions is held in Vancouver's mammoth Empire Stadium. For years, the exclusive property of Toronto Varsity Sta-

dium, the Grey Cup game was sent to the west partly for an economic reason and partly as recognition of British Columbia as a senior sports citizen.

When the Grey Cup game is played at Empire Stadium, it will be the second time that the eyes of North America will be focussed on the Hastings park coliseum.

### BANNISTER WAS HERO

A year ago, August, 1954, the whole world watched as two of the greatest runners of all time, Dr. Roger Bannister and John Landy, lined up for what will always be called the Mile of the Century.

This was the highlight of the British Empire Games and when Dr. Bannister, in a dramatic finishing kick, overhauled and defeated Landy, all the world knew about it.

After that came a gashouse hockey team from the peaches of the interior, the Penitents V's, winning the world hockey championship in Europe and returning the global hockey championship to the Dominion after a year's absence in Russia.

Europeans watched in wonder as the roistering V's rang up an undefeated streak in the world championships, dining on steaks fresh fruit and

bottled water imported from B.C.

Victoria, which can justly claim the title of Canada's hot-

### Bridge Builder



A. S. GENTLES

One of the most impressive construction jobs in B.C. during the past 10 years has been the Granville Bridge in Vancouver. The builders were Dominion Bridge Company, whose vice-president and manager of the Pacific division is A. S. Gentles. Mr. Gentles is a past president of the B.C. society of professional engineers.



## DEPARTMENT OF THE ATTORNEY-GENERAL

In addition to its various activities in the matter of law enforcement, and administration of justice in the Province, the Department administers the following acts:

Administration Act  
Companies Act  
Coroners Act  
Credit Unions Act  
Fire Marshall Act  
Game Act  
Insurance Acts  
Land Registry Act  
Collection Agent  
Liquor Control Act  
Lunacy Act  
Motor Vehicles Act  
Moving Pictures Act  
Official Guardian Act  
Real Estate Agents  
Securities Act  
Societies Act  
Trade Licence Act

PARLIAMENT BUILDINGS,  
Victoria B.C.

HON. R. W. BONNER, Q.C., B.A., LL.B., Attorney-General  
H. ALAN MACLEAN, Q.C., Deputy Attorney-General

### Noted Brewer



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## Capital for the Growth of Canadian Industry



How much money will Canadian business invest in its own growth in 1955? According to an official survey capital expenditures will reach a record total of \$2,825,000,000—up 7% over 1954 and 31% over 1950. This year, as for several years past, a large part of this capital is going into the development of Canada's natural resources—into base metal mining, hydro-electric installations, forest industries and the oil and gas fields of the western provinces.

From this permanent broadening of the base of our economy Canadian industries of every type must surely derive the benefit, serving larger markets at home and abroad with the aid of new and more plentiful supplies of basic raw materials.

As underwriters of new issues of securities for thirty-four years we are able to provide a complete financial service to meet the requirements of corporate clients who are planning for growth.

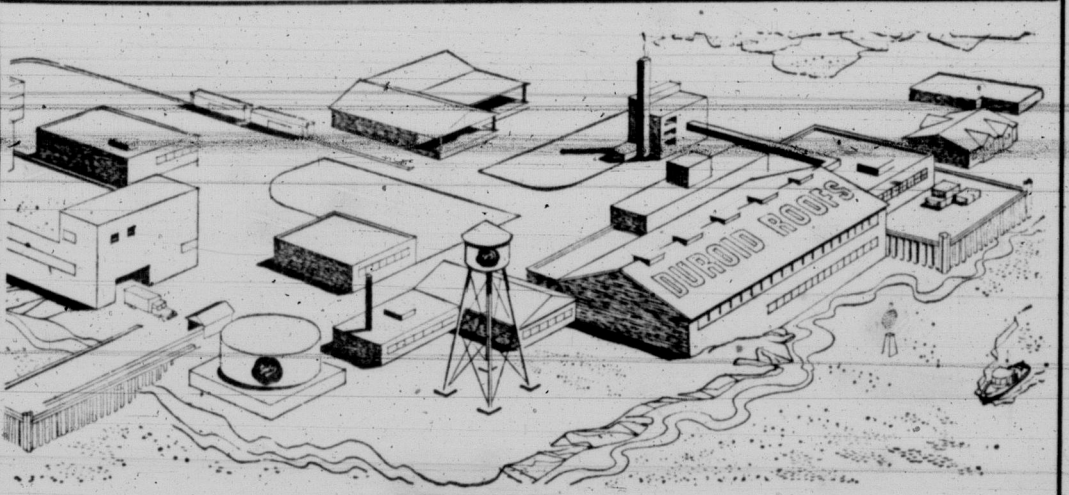
We have prepared a brochure outlining the capital investment programme in Canada for 1955. A copy will be sent upon request.

## Gairdner & Company Limited

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## SIDNEY ROOFING & PAPER CO. LTD.

## ... Growing with Western Canada!

The oldest and largest manufacturer of asphaltic building products in the far west, Sidney Roofing & Paper Co. Ltd., of Victoria, B.C., has expanded production facilities to meet the heavy and continued demand for its products from all parts of Western Canada.

As part of a long range development program, the company has expanded and completely modernized its paper mill and roofing production facilities at Victoria, where its large plant is a familiar landmark to all entering the city by water. This plant is the only fully integrated roofing operation on the Pacific coast of Canada.

In 1950 the company built a second roofing and siding plant at Lloydminster, Alberta, to serve the growing prairie market. By this action, Sidney reversed the general trend of Eastern manufacturers moving West. Through its Lloydminster plant, the company secured more direct transportation connections with major population centres on the prairies.

Modern manufacturing techniques, intensive product development and vigorous sales effort have contributed to the great and growing demand for the company's products, known throughout Western Canada by the famous "Duroid" trade name.







## Big Whirlybird Assists Pioneering Industry

The largest helicopter in commercial use in Canada is this Sikorsky 55, owned by Okanagan Helicopters Ltd. Two of these planes were in continual use during

the building of the Alcan transmission line between Kamano and Kitimat. Here the big whirlybird is shown depositing two oil drums at a remote camp.

### Many Enterprises Use Them

# B.C. Land of Opportunity For Helicopter Operation

The rugged terrain, the mountain peaks, the narrow river valleys and uncertain weather make British Columbia a nightmare for the air pilot, but it is also a land of opportunity for the helicopter operator.

Helicopters, which can touch down on the proverbial dime, have come in the past few years, to fill an important place in the industrial life of our province.

At least one of the biggest projects of the last decade could not have been completed on schedule if it had not been for the aid of the whirlybirds.

The possibilities of commercial use in B.C. of the helicopter were first realized by a former RCAF pilot, Carl Agar.

When he returned from the war in 1946, Agar with three other air force veterans, Alf Stringer, Barney Bent and Andy Duncan set-up a flying training school in the Okanagan Valley.

Known as Okanagan Air Services, it was not a great success and, promised no great future.

**STARTED ON ORCHARDS**  
It was then that Agar struck the idea of bringing a helicopter to do orchard spraying in the Okanagan Valley. This form of spraying at that time was in the experimental stage further south in the Wenatchee Valley.

Agar took a course in helicopter flying and his partner Stringer studied helicopter engineering. Financing to buy a Bell helicopter was arranged with a Vancouver businessman Douglas Dewar, now president of the company.

Okanagan farmers invested in the company, but owing to the unpredictable wind currents in the valley spraying from the air was not altogether satisfactory.

The company then decided to move to Vancouver where contracts with the Vancouver Water Board and the B.C. Electric Company were carried out with the company's one Bell helicopter.

A fee of \$100 an hour, which still remains the charge, was made, the name of the company was changed to Okanagan Helicopters, and success was in sight for the pioneers.

The next big step was the securing of a contract with Alcan to co-operate with them in their great engineering projects at Kamano.

Alcan bought the company four more Bell helicopters, and two large Sikorsky's and in addition paid the company to train crews to maintain and fly the ships.

Okanagan's helicopters were put to hundreds of uses by Alcan. They were used to haul equipment where roads could not be built, and Agar won himself a reputation for being able to park himself on the ridge of a mountain.

The helicopters were a tremendous success and they played a notable part in enabling the aluminum company to keep up their schedule.

The success of the operation soon interested other pioneering industrial firms—Imperial Oil used Okanagan to conduct oil surveys in the muskeg land of the north where crews could not move on foot or on land machines.

They trained helicopter pilots for the government and for commercial firms. The builders

of the Trans Mountain pipeline called on them for help as they strung their big pipe 700 miles over and through the mountains.

### SUBSIDIARIES FORMED

Mining companies used the Okanagan helicopters for geophysical and seismic surveys. A subsidiary, United Helicopters, was formed, to operate in the east where contracts were secured with the federal department of fisheries in Newfoundland waters.

Another subsidiary Agar Helicopter Consultants was formed to find new customers, and Carl Agar was retained by the Royal Dutch Airlines to make a survey in Dutch New Guinea. He was also consulted by the Canadian Air Force and the Air Transport Command of the U.S. army. The result is that the company has a training program with the Canadian government for training helicopter pilots for the RCAF.

### FLEET GROWING FAST

By this time Okanagan Helicopters was operating and maintaining 14 Bell helicopters and six big Sikorsky's.

It had thus in less than six

years become the largest non-military operator of helicopters in the world.

Its feats for industry are numerous but one that should be mentioned for the part it played in helping Granby Mining and Smelting to do the exploration work on its Granduc copper property in the rugged mountains north of Stewart, B.C. The property is on a mountain adjacent to a glacier, and it was by their ability to land on the surface of the glacier that Okanagan was able to put Granby in on the job.

Last winter Okanagan Helicopters became a public company and early this year they greatly extended their sphere of influence by taking over Canadian Helicopters, a firm in the east which did the helicopter work for Abitibi Power and Paper.

D. W. Ambridge, president of Abitibi, has said that the helicopter is going to revolutionize forest and mineral operations in Canada, and he's convinced that the British Columbia RCAF veterans led by Carl Agar are the men who are going to lead the way in bringing about the change.

## Highest Rate in Canada

# 50% of Workers Union Members

Successive years of rapid growth and impressive changes in the provincial economy are reflected in the amazing growth of organized labor in British Columbia.

In a province where the total paid working force is 355,330 persons, organized labor represents 50 per cent of these people. The rate is the highest in Canada and one of the highest in North America.

It was in 1945, when organized labor represented 108,000 workers, that the last decrease in membership was recorded and the first since 1939. The drop occurred, however, during the transition from wartime to a peace-time economy when there was a working force of 277,000 people.

The past 10 years have also recorded gradual decreases in the average industrial working hours from 45.59 each week to the present hours of 41.60 hours, including overtime. Much of the drop was aided by government legislation of the 41-hour week.

A few unions have won a work week of 37½ hours but as the exception rather than the general rule.

### PAYROLL TRIPLED

A decade of expansion has also moved upward the pay rates and continued employment. The provincial over-all payroll is now estimated at \$1,000,000,000. The 1945 payroll was a slimmer \$371,625,927.

The following figures show the distribution of trade union membership by major industrial groups, each local classified into the group in which the majority of its members are employed.

The figures indicate which fields have the greatest number of union members, but not necessarily which are most highly organized.

Membership in the wood and wood products group is 20.44 per cent, while the public service component of the services group, consisting largely of provincial and municipal government organizations is second to the wood group in size with 17.65 per cent of the provincial membership.

Other distribution is construction, 12.58 per cent; metals, 7.16 per cent; foods, 7.14 per cent; steam railway transportation, 6.80; and other transportation, 9.20.

### NEGOTIATIONS EASED

In this sprawling province, which covers 366,255 square miles and which is as big as Washington, Oregon and California combined, with half of Idaho thrown in for good measure, trade unions are gradually turning toward province-wide agreements.

### FEWER WORKED ON RAILROADS

The number employed by Canadian railways dropped by 7.4 per cent last year to 196,307 from 211,951 in 1953.

to maintain standard agreements among locals dealing with the same companies, carpenters and operating engineers are among larger unions having such contracts covering about 5,000 workers in heavy construction industry.

Other small unions are also in the provincial contract field.

### AVERAGE WAGE \$65.61

Including all male wage-earners in a survey taken by the provincial labor department, the average weekly industrial wage is \$65.61.

The greatest percentage of wages in the province are paid for jobs outside Greater Vancouver and Vancouver Island. This further reflection of expansion shows that in industrial payrolls Greater Vancouver totals about \$410,000,000 annually, Vancouver Island, \$166,500,000, and the remainder of the province, \$424,300,000.

Employment levels, varied by weather conditions and seasonal influx of industrial workers, have peaked at 497,514 during summer from winter levels in December and January of approximately 161,000.

## Mr. Railway



RALPH CHETWYND

Minister of Railways, and also of Trade and Industry. Mr. Chetwynd has been the driving force in the extension of the provincially-owned Pacific Great Eastern Railway. Mr. Chetwynd's enthusiasm for the most scenic line in Canada springs from the fact that before his election as an M.L.A. four years ago, he was a right-of-way supervisor at Quesnel and a trouble-shooter in chief for the PGE in that area. A Cariboo man heart and soul, he sees a great future for this famous ranch country in the Fraser watershed.

## Aviation Leader



GRANT W. G. McCONACHIE, President of Canadian Pacific Air Lines Ltd., Grant McConachie, 47, of Vancouver, is recognized as a pioneer of progress in the field of Canadian aviation. He began his career as chief pilot with Independent Airways Ltd. in 1930. It was his idea to shorten travel time between B.C. and Europe by routing planes via the Arctic Circle. He is past president of Vancouver Board of Trade.

## Heads Highway Program



P. A. GAGLIARDI, British Columbia roads are better and more numerous than ever before. The high directing the new road program is Mr. Gagliardi, minister of public works.

## ATTENTION

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## Over 6,000 Miles Of Railway Lines Serve British Columbia

The Railway Department performs many functions:

First to assist railway companies, industrial railways and aerial tramways to carry out safety measures.

Second, to provide a service to industrial railways in the matter of supervision of track and rolling stock.

Driver training courses are offered to industrial and transport companies as to safe driving and use of air brakes on heavy trucking equipment. Driving and safety courses are conducted in cooperation with the R.C.M.P. for drivers of heavy trucks on highways.

Further activities include research in co-operation with other government departments in regard to coal, town planning, resources, etc.

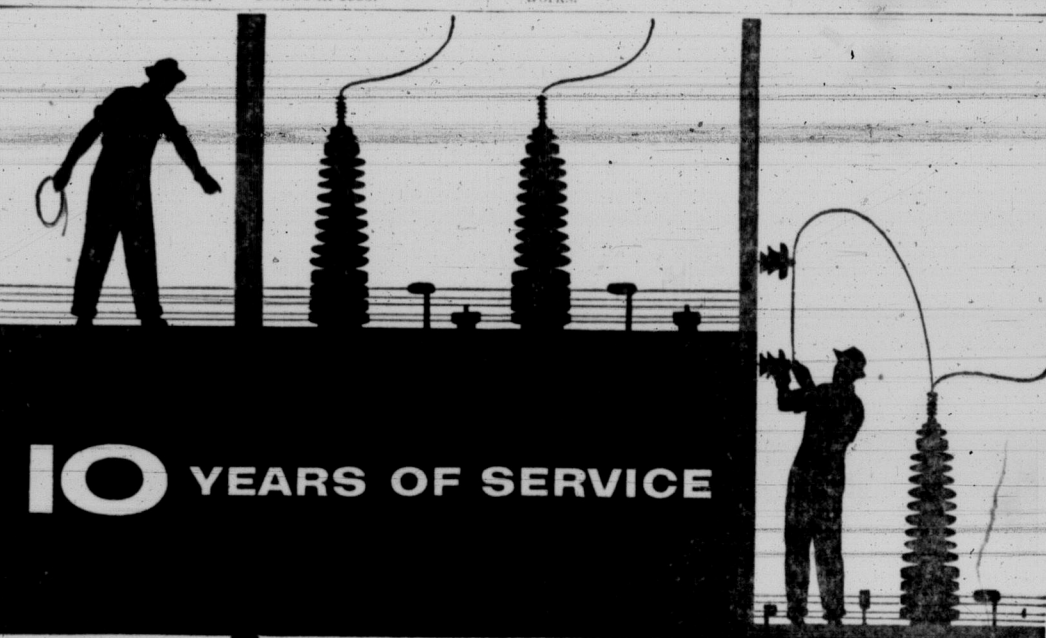
Supervision and control of pipelines which are not under Federal jurisdiction. Examinations are given for locomotive engineers, conductors, trainmen, power car operators, truck drivers on private industrial roads, etc., and certificates of competency are granted.

Inspection of locomotives on all railways in British Columbia is made with a view to prevention of forest fires. Locomotives and locomotive cranes in industrial plants are periodically inspected and safety measures imposed.



## DEPARTMENT OF RAILWAYS

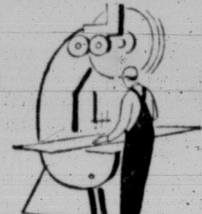
Parliament Buildings, Victoria, B.C.  
HONORABLE RALPH CHETWYND, MINISTER



SERVING HOMES



SERVING COMMERCE



SERVING INDUSTRY

The British Columbia Power Commission has played a major role in the amazing growth of this province in the last 10 years.

Established as B.C. entered its most spectacular decade of development in 1945, this Crown Corporation has grown to an \$80,000,000 operating utility serving more than 56,500 customers many of whom are enjoying the benefits of electricity for the first time.

The Commission is self-sustaining, without subsidy. It finances through issuance of its own bonds, which carry the full guarantee of the Province as to both principal and interest. Owned by those it serves, the Power Commission is one of the soundest investments the people of British Columbia have made in the future of their province.

POWER MEANS PROGRESS

BRITISH COLUMBIA POWER COMMISSION



# B.C. Hospitality Draws Growing Tourist Influx

Officially regarded as British Columbia's fourth industry, tourism in the province is not merely a procedure of putting up colored posters and waiting for the dollars and cents to roll in from abroad.

As far as attractions are concerned, British Columbians may be somewhat embarrassed to learn that they themselves are the biggest drawing magnet for visitors.

A recent survey this year shows that, without exception, most impressive factors were followed by scenery. One New York visitor who claims to have travelled most of the globe, puts British Columbia at the top of the list for friends.

Notwithstanding the increasing competition from every state of the union and practically every country in the free world, British Columbia continues to gain favor and this year expects to top the total amount of tourist dollars poured into the provincial economy a season ago.

Forty-three of the United States' 48 states are rivals.

Mexico has launched an extensive advertising campaign. Europe has opened its doors to visitors from abroad seeking the precious dollar that will help to stabilize post-war economy.

Japan is back in the arena, and Israel and Ireland have gone all-out to entice visitors. Meanwhile British Columbia's publicity disciples have not been idle.

Magazine advertising, radio, television, private travel films, newspaper articles and feature stories have all been part of a policy to tell prospective guests just what to expect when they decide to spend their vacation in Canada's west. What has been most surprising, however, is the information that B.C.'s guest book signatures increase largely by word-of-mouth recommendation.

**THEY WANT TO RETURN**

Similarly, of the same survey, not one person indicated that he would not come back to British Columbia. More than half declared they definitely would make a return visit. The remaining percentage said they likely or probably would.

Ten years ago the total of new tourist dollars circulating in British Columbia was estimated at \$22,000,000.

In that year, 107,506 American cars, with nearly four occupants each, crossed the border. The average expenditure per person per day was estimated at \$5. Of each dollar spent, retail merchants collected 30 cents; restaurants 22 cents; accommodation 17 cents; gasoline stations 12 cents; theatres nine cents; transportation seven cents. Three cents went to wards incidentals.

That influx accounts only for specific automobiles registering. It excludes the large per cent who arrived by rail, steamship, bus and plane. Neither does it take into account inter-provincial travellers.

Under a similar method of computation, more than 2,000,000 guests swelled provincial economy by more than \$70,000,000 during 1954.

Some 10,000 people gained a direct livelihood as auto court, hotel and resort owners. An inestimable number also obtained seasonal employment. Seasonal employment applies not only to the thousands indirectly affected by tourism



## View From Causeway Remembered World Over

Tourists from all parts of the world walk down this street in summertime, admiring the beauty of Victoria's inner harbor. British Columbia's capital city has one of most beautiful harbors in the world. Parliament Buildings, shown here, faces one side of harbor.

and ivy-clad Empress Hotel, another. Visiting yachtsmen may tie up in this sheltered basin and be minutes' walking distance from the heart of the downtown business district.

but also take into account such factors as hunting and fishing, sums spent on equipment.

British Columbia's official appreciation of the tourist industry is reflected in the tremendous park, campsite and picnic ground development and the attention given to highways.

Seventeen new parks have been developed during 1945-54, bringing the provincial park acreage to 8,000,000. Park visitors increased more than 10 times in 10 years.

British Columbia's tourist rise has not come about by accident. Extensive planning, a keen sense of market analysis, close co-operation with regional and local interests, plus considerable research, is necessary.

**SHORT SEASON**

Faced with a comparatively short season, the province is also obliged to tackle the mammoth job well in advance and also make provisions for those tourists whose preliminary

visits are the forerunner to. Rightly so, tourism in British Columbia has been treated as a science and its promotion considered in merchandising terms. Realizing that every visitor has been "sold" in one form or another, tourist officials assume the role of the successful storekeeper who know their products are good.

Just how successful they have been is made obvious by the growing numbers who refer to British Columbia as a friendly, hospitable country.



## Nothing Like This At Home

Tens of thousands of pictures just like this are to be found in photograph albums in American homes from one end of the country to the other. This is Thunderbird Park in Victoria where many visitors get their first glimpse of

native Indian work of this sort. Photos like this, shown to friends and neighbors back home, help to bring ever increasing numbers of tourists to this vacation land.

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Specializing in business blocks and apartment buildings. Residential rentals.

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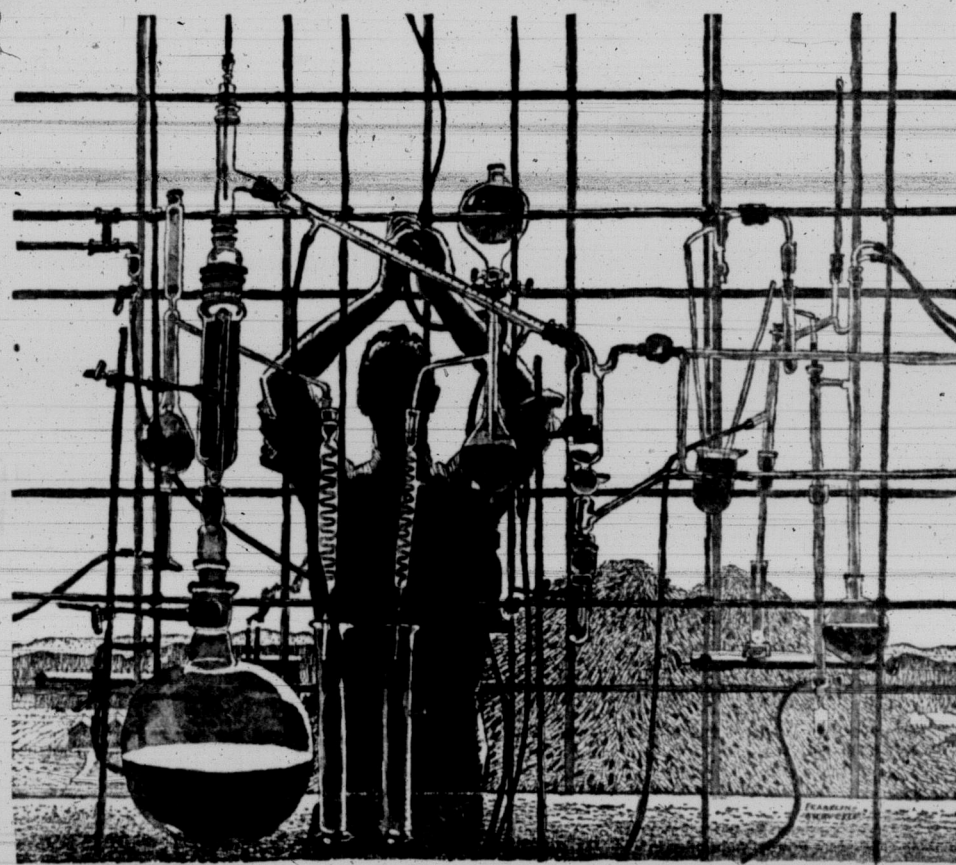
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VICTORIA, B.C.



Drawing by Franklin Arbuckle, E.C.A.

Wood is one of the most complex substances known to man. From history's earliest days it has been prized as among the most useful.

Today, in addition to its many uses in the field of building products and fuel, it has

become an essential raw material in manufacturing a vast range of products.

Wood is utilized in making paper, textiles, explosives, alcohol, turpentine, photographic film, plastics and sponges.

Still the search for new uses and new applications for this great natural resource goes on.

Columbia Cellulose is proud of the part it plays in this scientific search, and

also of the companion work on newer and better techniques

in forest management and mill operation.

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COMPANY LIMITED • PRINCE RUPERT, B.C.

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# CPR Gave 'Hypo' Nanaimo Roared

A few years ago the old coal mining city of Nanaimo received a "shot in the arm" that jolted its economy into an upward spiral that is gaining momentum every day.

Population of the city and district in 1945 was about 14,000. Ltd. (now MacMillan and Bloedel) started the Harmae down physically because of the pulp mill south of the city. The government enforced cessation first unit, was completed in 1951, of building during the war years and the remainder in 1952, and but began a steady recovery as the payroll is about 400, Simo a trading centre.

At this time coal mining ceased through with a huge and ed to be the vital factor in the modern joint shopping centre area's economy, that it had been. E. L. Hodson, president of the for 94 years. Logging provided Nanaimo Chamber of Com the steady payrolls, and growth more, expects great things of of up-island business promised the city.

## CPR SPARKED EXPANSION

Then came what all authorities consider the single occurrence that "boomed" the district population to the 22,000 that it is today. The CPR decided to spend \$2,000,000 on a spanking new terminal for passengers, freight, ships, buses and trains.

By the time it was finished in 1949 this was the attitude in Nanaimo:

"The CPR doesn't spend \$2,000,000 for nothing. If Nanaimo is good enough for the CPR, it is good enough for us."

What happened was that considerable relief regarding spending was overcome. A visiting salesman would become a resident agent, who-in turn would head up a sales and clerical staff, which in turn would be needing warehouse and office space to serve the customers in the whole centre and up-island area.

This process was repeated tenfold, and then again. At present warehouse space in Nanaimo is at a premium, and more office space is needed badly.

Augmenting further the faith in the city shown by the CPR, H. R. MacMillan Export Co.

"Our population will continue to grow," he said, "because the whole of the Island is growing and an increase in business anywhere on the Island means an increase for us. It cannot help but be otherwise because of our favorable position in the transportation field."

"I don't know when it will reach 35,000 or 40,000, but when it does, then we will see small industries starting to serve that added population. That movement in turn will bring its own increase, and the population will take another jump to about 50,000."

Apart from the city's own boom, and developments at Port Alberni, Duncan Bay, and Crofton that will benefit "Hub City," there will be other pay-offs that will contribute a great deal to the district's economy.

"The Pacific Biological Station has a staff of close to 50. The Indian Hospital has a big staff, and the Brannan Lake School payroll is considerable."

In addition, he said, there are tourist attractions waiting to be exploited.

"Where else could you leave your office and be catching fish within 30 minutes?" Mr. Hodson said.



## Queen Visited Here

This is the front door of Nanaimo's City Hall, built in 1951. Building had only just been completed when Queen Elizabeth (then Princess Elizabeth) and the Duke of Edinburgh visited

British Columbia. She signed her name in civic register here. In 1945, Nanaimo had population of 14,000. Today that number is up to 22,000 and the talk now is 35,000 will be seen before long.

(He's right. Waters offshore from Nanaimo are among the best on the east coast of Vancouver Island for catching salmon day in and day out—along the least known to tourists.)

The 10 years since 1945 have been truly remarkable in an economic sense, but just as refreshing has been the keenness of civic governments that have looked ahead with the same intensity as businessmen.

In 1951 Nanaimo built one of the most handsome small city halls on the Pacific coast, and its main, and by October of for \$65,000 purchased the 160-acre estate of the late Frank water supply problem that has Behan to create a recreation area. Former home of the Behan family, it is the scene of war, gymnastics, and some day the city and Harewood district, might support a full-fledged the only active members, own race track.

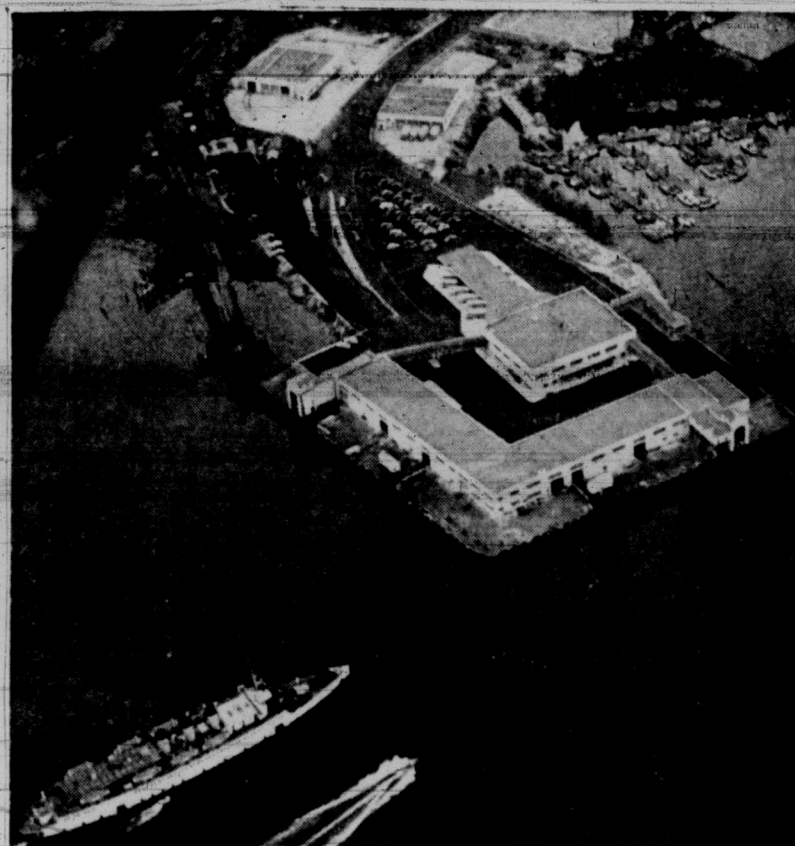
Greatest single factor in the city's growth occurred in 1952, when the Brechin district was incorporated in the city to boost the city's area from 1,300 acres to 2,306 acres.

This also shot the population of the city proper from 7,196 in 1951 to 11,000 in 1954.

## WATER PROBLEM SOLVED

The Greater Nanaimo Water Board was formed in 1953 to take over the watershed, South Forks storage dam, and main supply lines. The board has been working for years to increase the city's water supply, and this year will have solved the problem.

The city and Harewood district, might support a full-fledged the only active members, own race track.



## Nanaimo Terminal Island Gateway

Aerial view of Canadian Pacific Railway's \$2,000,000 ship terminal at Nanaimo. Completed in 1949, this project encouraged other firms to make substantial investment in Vancouver Island's "Hub City." This summer, CPR has scheduled 10 sailings each way per day between here and Vancouver.

stantial investment in Vancouver Island's "Hub City." This summer, CPR has scheduled 10 sailings each way per day between here and Vancouver.



British Columbia recognizes that in the final analysis her people are her greatest single asset. In that respect increased measures have been taken during recent years to protect their health and well being. This is the new health centre built at Nanaimo and completed in 1954. It serves the entire population of mid-Vancouver Island.



## DEPARTMENT OF THE PROVINCIAL SECRETARY

The Honourable Wesley D. Black, Provincial Secretary.  
R. A. Pennington, O.B.E., F.C.I.S., Deputy Provincial Secretary  
W. H. Forrest, Assistant Deputy Provincial Secretary

The functions of the Department of the Provincial Secretary, whilst unspectacular and largely administrative, are of great importance. They include:

### The Civil Service Commission:

Chairman: Dr. H. M. Morrison  
Member: J. V. Fisher

The Superannuation Branch, which administers the superannuation plans of:

Civil Service  
Teachers  
Municipal employees  
Pacific Great Eastern Railway Company  
British Columbia Power Commission

Superannuation Commissioner—Mr. R. A. Pennington  
Deputy Superannuation Commissioner—Mr. W. H. Forrest

### The Queen's Printer:

Queen's Printer: D. McDiarmid

### The Provincial Mental Health Services:

Director of Mental Health Services: A. M. Gee, M.D., C.M.

The Provincial Mental Hospital, Essondale  
The Provincial Mental Home, Colquitz  
Crease Clinic of Psychological Medicine  
Home for the Aged, Port Coquitlam  
Home for the Aged, Vernon  
Home for the Aged, Terrace  
Child Guidance Clinics, Vancouver, Victoria and  
Travelling Clinics

### Institutional Farms:

Superintendent of Farms: W. B. Richardson  
Colony Farm  
Tranquille Farm  
Colquitz Farm

### Civil Defence:

Provincial Civil Defence Coordinator: C. R. Stein

### The office of the Lieutenant-Governor:

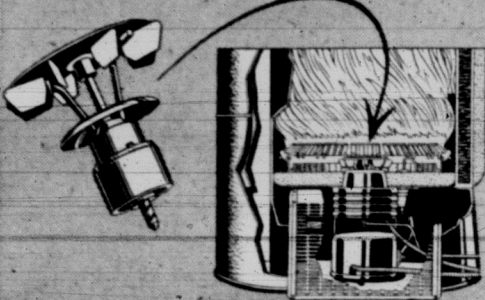
Secretary: C. G. Dixon

The Department is responsible for constitutional administrative procedures, including the custody of Orders-in-Council and the issuance of all documents under the Great Seal of the Province. The Department administers Grants for the construction of homes for elderly citizens and has many other unrelated responsibilities.

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Silent Automatic  
**WALL-FLAME**  
**OIL BURNER**

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**NO "OIL CAN" LUBRICATION!**  
The shaft of the mono-rotor is lubricated by the fuel oil flowing through the burner—eliminating the need for "oil can" lubrication at any time!

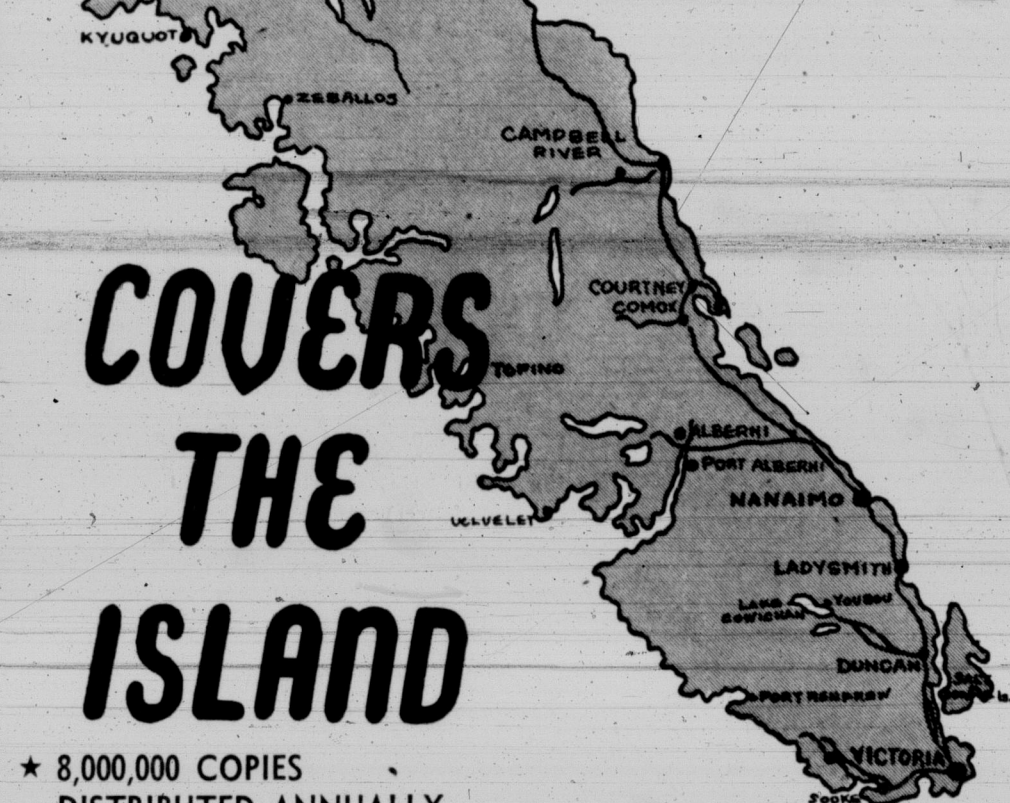
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# GOLDEN ANNIVERSARY YEAR FOR BRITISH COLUMBIA CEMENT CO. LTD.

## Celebrating 50 Years of Operation on Vancouver Island

The plant which has changed the skylines, shorelines and streetlines of this province—B.C. Cement Co. Ltd., was first organized in 1905 by Robert Pim Butchart, whose vision and unlimited energy led to the development of one of the greatest industries in the west.

Fifty years ago, the first cement to be manufactured west of the Great Lakes was sacked at Tod Inlet, 13 miles from Victoria. The plant had a daily capacity of 300 barrels. Today, this greatly expanded operation is carried out at Bamberton, a village nestling under the Malahat. The annual output is 2,200,000 barrels.



**EDWIN TOMLIN**  
Who succeeded Mr. Butchart as president of B.C. Cement Co. Ltd.



**NIGEL A. TOMLIN**  
Who became president in 1944 and has guided the company's tremendous expansion.

### Impressive Contribution to B.C. Development Has Been Made by Cement

Throughout the province, there is evidence of the importance of cement derived from the Bamberton plant—in great office buildings, hotels, hospitals, grain elevators and cold storage plants in Victoria, Vancouver, Prince Rupert and New Westminster; in bridges and dams, and thousands and thousands of miles of sidewalks, curbs and roadways; big docks like those at Ogden Point in Victoria and many jutting out from the shoreline at Mainland ports.

The graving dock at Esquimalt, fourth-largest in the world, the huge naval structures at HMC Dockyard and HMCS Naden, as well as fortifications and airports are evidence of how great a part cement plays in national defence. And everywhere, in hamlet and city, you see basements of homes, foundations of great warehouses, garden pools and bird baths, the corner gas station and on and on . . . telling of an industry which provides a material which is vital to the structure of a nation.



**ROBERT PIM BUTCHART**  
... founder of the cement industry in B.C.



Bamberton as seen today, showing the plant which produces 2,200,000 barrels of cement annually working as it does under full power. The plant employs 250 men, most of whom live in Bamberton, the village which came into being through the development of B.C. Cement.



Saanich Inlet plant as it looked soon after operations began in 1905, with capacity of 300 barrels a day. Steamer alongside is Charmer, original night ship between Victoria and Vancouver.



**NORMAN SHEWRING**  
Sales Manager



**JAMES GLASSFORD**  
Treasurer



**ALFRED MENDUM**  
Secretary



**REGINALD HASKINS**  
Works Manager and General Superintendent at Bamberton

### LOOKING AHEAD TO GREATER SERVICE

What does the future hold for B.C. Cement? A group of young, aggressive and competent executives, headed by Nigel A. Tomlin, looks forward to a glorious future as this province moves into the greatest expansion period in its history. The secretary and purchasing agent of the company is Alfred Mendum, James Glassford is treasurer and Norman Shewring sales manager. Reginald Haskins is works manager and general superintendent at Bamberton.

These men look for great changes in the next 10 years. The stupendous value of British Columbia water power is only beginning to be appreciated. Kitimat has demonstrated this, and what has been done there will be repeated in probably smaller undertakings in many parts of the province. Our cities will continue to expand and thousands of new people will take up residence in areas like the Saanich Peninsula.

B.C. Cement Co. Ltd. contemplates this growth and is preparing plans to expand its services to meet the demands of a province ever on the march.

These plans provide for extension at Bamberton to boost production to 3,000,000 barrels annually by 1956; the next phase of expansion includes the construction of a second works, which will proceed as soon as the market requires.

## STILL STRIDING AHEAD WITH THE PROVINCE OF B.C.

FAMOUS

# ELK BRAND

PORTLAND CEMENT

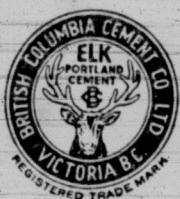
**FERROCRETE—HIGH EARLY**  
Rapid Hardening Cement

**MONOCRETE**  
Waterproof Plastic Cement

# BRITISH COLUMBIA CEMENT COMPANY LTD.

Manufacturers of Fine Portland Cement for Over 50 Years  
Rail and Ocean Shipments to All Points

**WORKS: BAMBERTON, SAANICH INLET**





# Fishing Industry Adopts New Look

## Many Changes Figure In Post-War Period

If there is anyone left who still looks at the fishing industry as a trade plied by romanticists with veins full of sea water and a hungry desire to commune with nature much as their forefathers did, they had better read farther.

For the information of those who hold the foregoing sentiments, let us say there is probably no more "vigorous, scientific, minded, or progress-conscious enterprise than the same fishing industry."

The fishing industry has taken just as many vigorous strides and has made just as many technological advances during B.C.'s last dramatic 10 years as any other industry in the province. The treasures of oil and the exploitation of gas and water power during the past 10 years has received the attention of the headline writers. But marching along, more quietly perhaps, has been this industry of the sea, with a never-flagging intensity.

To gather some idea of its progress during the past decade it would be wise to look over one's shoulder at the picture presented in 1945.

**POST-WAR UPSET**  
At that time things in the industry were in a condition of uncertainty. The markets of the world were in a state of disruption due to the aftermath of war. The traditional markets, particularly, were frustrated by currency problems.

Britain was suffering from a lack of dollars, and she had long been one of B.C.'s best customers. Traditionally the British people had been Canadian salmon eaters since the late 1800s. They wanted the products but they could do nothing about getting it.

Heaped on that difficulty was the problem of attempting to sell the product to a Canadian housewife who had lost the fish-buying habit. During the war years she had accustomed herself to doing without salmon because the fish she would ordinarily buy had gone to war. Through its ease of transporting and its high nutritional value, canned salmon was a natural for overseas service.

With few foreign markets and a domestic market that had been weaned away, the industry faced a problem the like of which it had never faced before.

**DOMESTIC MARKET WOODED**  
It would have been easy to sit and hope things would get better, but the fishing industry is not capable of that kind of thinking. It was obvious that something had to be done and done quickly and the re-education of the Canadian housewife seemed to be the answer. From that starting point, a campaign to accomplish such an end was begun through advertising in all media.

The services of Claire Wallace of radio fame were enlisted and in less than two years the Canadian housewife became pretty well convinced she could not afford not to eat salmon. In fact, through the efforts of the industry the per capita consumption of canned salmon rose above pre-war levels and the show was on the road to recovery.

### BUY BRITISH PROGRAM

By 1953 a further step to increase the sale of salmon and therefore assure the welfare of the more than 18,000 persons who engage in the industry, was needed. It seemed to those at the helm that a recapture of the British market was in order so the sights were set to help the British buy more Canadian canned fish. The United Kingdom was still struggling with its dollar problem but it was also carrying a desire to have our product. In short, the demand was there but the wherewithal to meet it wasn't. What to do about it?

With a forthrightness that is typical, the Fisheries Association set out to right conditions in their own way and advanced a program that has not only made great steps in easing the dollar situation but

also endeared the industry to the hearts of the British.

It was obvious to all that if Britain was to buy from Canada she must have Canadian dollars. And the only way she could acquire such dollars was to sell her products to Canada. With that in mind a committee was set up by the Fisheries Association and a delegation was sent to Britain for several weeks to promote such a program. During the period between Nov. 15, 1953, and December, 1954, it is conservatively estimated that \$7,000,000 were acquired in Britain through the efforts of that committee.

A program urging the industry and its auxiliaries to "Buy British" was launched and liaison between those in Britain who wished to sell and prospective buyers in Canada was established. It was a happy wedding. A report which incorporated a section devoted to suggested guidance for British sellers on the Canadian market was prepared and it is considered by the United Kingdom Board of Trade as being a noteworthy document.

But while those who were increasing their demand for the product were doing their work, what of the men on the sea who must answer the demand? It has been a decade of progress for them too.

### NEW MACHINERY HELPS

Out on the fishing grounds and at the canneries along the coast, the picture has taken on a new face during these past 10 years. In 1945 new innovations were being introduced. Power was applied to the turntable roller, an improvement was made to the traditional purse line and power drums were added to the seiners. Power skills and more recently the purse seine block have been added to the complement of gear. To the layman, such innovations have little interest, but each step has added materially to the fishermen's ability to increase his catch.

In 1945, too, the Hells Gate fishway was opened and it provided the means to help in rebuilding the great Fraser run.

Rising costs of labor and gear have decreased the number of individual canneries which operate on the coast but simultaneously the efficiency of the over-all operation has been increased. In 1934 there were 97 canneries scattered, expensively along the B.C. coast. In 1945 there were 30. Today, the yield from approximately the same number of boats requires only 21 canneries to cope with the pack.

### CONTROLLED FROM OFFICE

But perhaps the most notable change is in the manipulation of the operation itself. Ten

years ago the cannery manager attempted to give guidance to the boats that unloaded at his wharf. Today almost all the operation is controlled by a "fleet jockey" located at the individual company head office.

This amazing change came with the advent of radio telephone and perhaps no single innovation has had a greater impact on the operation of the fishing fleet. "Call-up time" when each vessel reports its location and its daily luck is an exciting period in any fishing company radio room.

With the aid of electronic sounding devices it is difficult for a school of fish to make its way unmolested and a lot of the gamble has been taken out of the business.

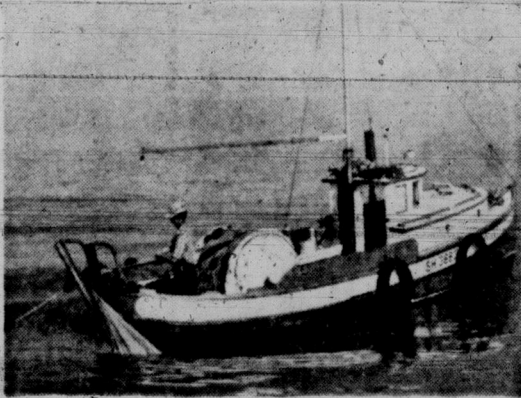
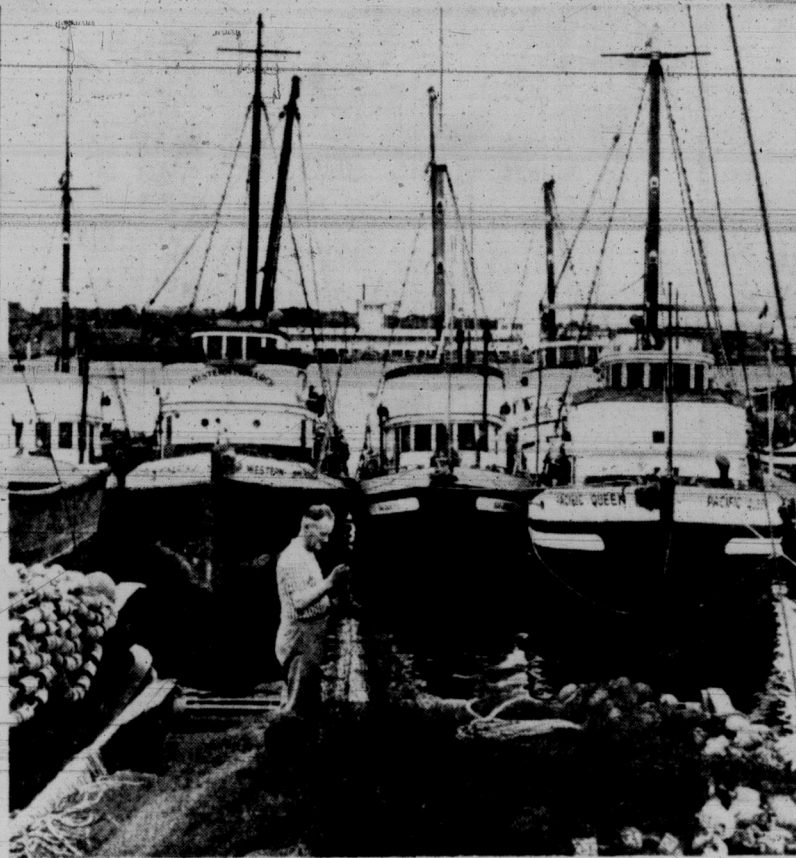
Even though the fishing industry is primarily concerned with filling cans with the product of the sea, it has never lost sight of its obligation to the preservation of its raw material. Conservation still is a primary concern of all, and rules laid down by the federal department of fisheries concerning closed periods to allow sufficient spawning salmon to reach the spawning beds are adhered to with responsibility. It is elementary that when no fish complete their spawning there will be no fish to catch in the corresponding cycle and no group is more concerned with preserving the cycle than the fishermen themselves.

### BOATS ARE LONGER

During the past 10 years, boats have become larger and consequently the fishermen have been able to roam farther afield. Packers or collection boats, which transport the catch from the smaller boats to canneries have become larger too. Facilities for preserving the fish on their shoreward journey, the introduction of flake ice, for example, have expanded and experiments to effectively increase this phase of the operations are continuing.

Men of the department of fisheries biological and experimental stations are continually toiling to increase the salmon runs and to introduce innovations which will preserve the supply of the harvest and add to it. The industry works closely with these men as partners in progress with the end result a better supply of the world's finest sea food.

For many years canned salmon has carried the name of Canada to far corners of the world. Canadian herring, now used mainly for reduction purposes, provides a source of much-needed protein and adds to the "health" needs of the world's population. But most important to those living in B.C. is the economic pillar provided by the industry to the economy of the province, a pillar valued at more than 100 million dollars annually.

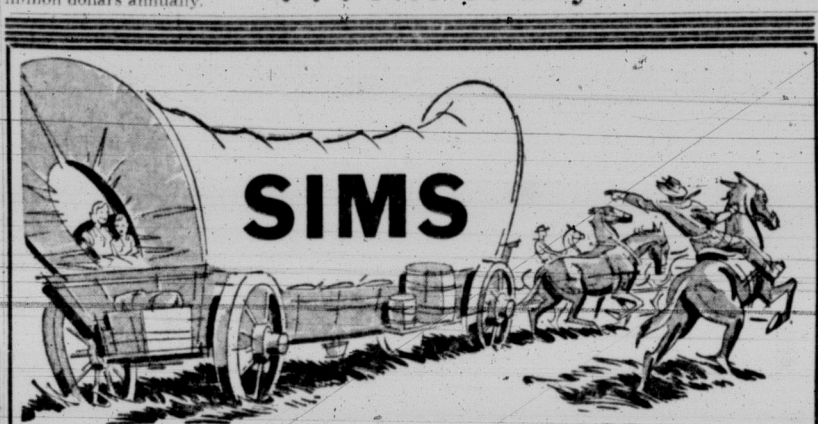


A Fraser River gillnetter. (Photo by B.C. Govt. Travel Bureau.)

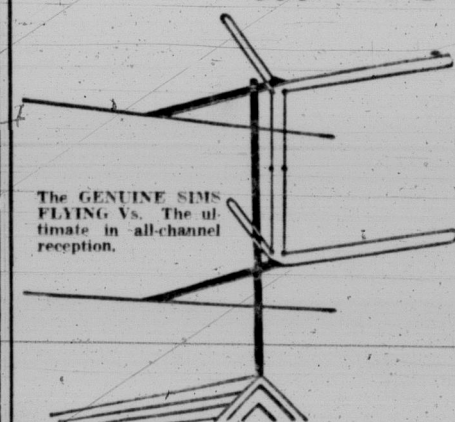
## Modern Deep-Sea Seiners Like This . . .



## . . . Net Sockeye Like This



## PIONEERED TV IN VICTORIA . . .



### The Only Antenna Custom Built for the West!

Designed in B.C. By B.C. Engineers yet costing no more than mass produced antennas.

When stripped chassis in workshops were striving to pick up the first uncertain television signals here on the island, SIMS engineers were working to produce an antenna designed to bring you clear, undistorted reception. Step by step SIMS has met every problem, leading the field through constant research, perfecting this famous antenna to meet local conditions.

Now insulated against salt-spray blackout made of sturdy 2" aluminum elements for lasting permanence and outstanding performance SIMS is tested for ultimate performance under all conditions.

Specify **SIMS** Antennas

A. L. Whitehead Ltd., Sales Agents for SIMS Laboratories, Sidney, B.C.

## PUBLIC WORKS

The Department of Public Works is responsible for the design, construction, maintenance and operation of all Provincial Government buildings throughout the Province of British Columbia.

Buildings include Court Houses, Mental and Tuberculosis Hospitals, Homes for the Aged, Health Laboratories, Schools for the Deaf and Blind, Gaols and Police buildings, Correctional Institutions, and all Government offices. In connection with all these buildings the Department is responsible for power plants and ancillary services.

Other branches of Public Works include the Department of Electrical Energy, responsible for all electrical installations; the Boiler Inspectors' Department having a similar function in regard to heating installations, together with the administration of the Gas Act.

All told, the Public Works Department looks after approximately \$100,000,000 worth of buildings each in its various capacity serving the expanding needs of the Province.



## Department of Public Works Province of British Columbia

HON. W. N. CHANT  
Minister

C. D. CAMPBELL  
Deputy Minister

## A Warm Welcome to THE NATIONAL ASSOCIATION OF SECURITIES ADMINISTRATORS

THE MEETING of the National Association of Securities Administrators now being held in Victoria demonstrates the widespread attention which is focused today on the industrial growth of British Columbia and the future investment potential of this Province.

The Canadian Bank of Commerce welcomes the representatives of the Association to the Convention with particular pleasure and pride. We have been linked up with the economic life of this Province through many generations.

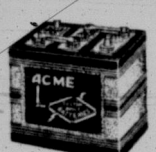
Ever since 1862, we have been closely associated with the development of British Columbia. From the outpost community of 93 years ago, when we established our first connection in Victoria, we have expanded our banking service to keep pace with the tremendous growth of this Province. Today, out of the total of more than 700 branches maintained by The Canadian Bank of Commerce across Canada, 100 branches serve the industries and people of British Columbia.

## THE CANADIAN BANK OF COMMERCE

100 Branches in British Columbia

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# \$22,500,000 Spent On New Hospitals

## 3,300 Additional Beds Provided in Six Years

British Columbians have built \$22,500,000 worth of new hospitals since 1949.

But even this tremendous expansion hasn't kept up with the ever-increasing need.

Another \$33,000,000 worth of hospital units already is on the books for the future.

The experts aren't even sure these expenditures will solve the accommodation problem.

The hospital accommodation picture is not too unlike the difficulties faced by school officials, also plagued by shortage of room.

The need has been caused by many of the same conditions, mainly population increase (now 1,305,000) and a lag in new construction during the leaner years.

But unlike the school situation, which started to expand right after the Second World War, hospital improvements didn't start until 1949.

### INSURANCE GIVES PUSH

It was the introduction of hospital insurance which provided the impetus.

For years before 1949, many hospitals were struggling to keep their doors open and could give little thought to expanding.

Thirty-five to 50 per cent of the people who went to hospital couldn't pay their bills.

The situation after the war was chaotic. Hospitals had large deficits which couldn't be paid by local means.

There was an increased demand for financial assistance from provincial and municipal governments.

It all led to the birth of hospital insurance in 1949. From that time on hospital construction surged ahead in an effort to keep pace with the thriving economy of the province.

Hospital insurance's main dollars and cents.

purpose was to give unlimited acute in-patient hospital care to British Columbians in return for a low premium. Last year, the premium system was abolished, and revenue from it replaced by a 2 per cent boost in the provincial sales tax, now 3 per cent.

### THREE THOUSAND NEW BEDS

One of the big advantages of the scheme, right from the start, was the way it boosted much needed hospital construction.

Here's what happened, briefly:

Between 1946 and 1949 only 240 new beds came into operation in all B.C.'s hospitals.

From 1949 to 1955 over 3,300 new beds came into being.

This required new construction costing \$22,500,000.

Of this amount the provincial government paid half, one-third was raised on the local level by by-laws or canvassing, and the federal government gave \$1,000 for each acute bed, \$1,500 for each chronic bed, and 500 for each nursing home bed.

The province now has 7,179 hospital beds about 5.5 per 1,000 of population.

The new construction has ranged from a new 17 bed hospital at remote Totino costing \$218,000 to a massive 500-bed addition to Vancouver General Hospital costing about \$8,000,000.

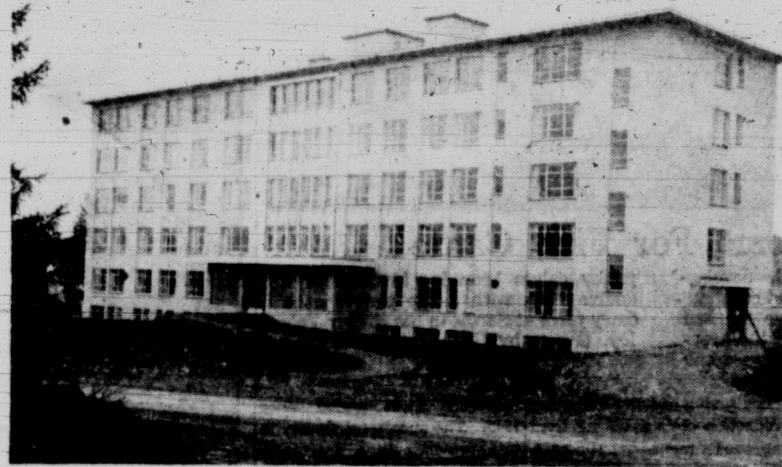
Hospital construction this year will cost about \$4,000,000. In the first year of hospital insurance, 1949, it cost \$2,600,000.

Before that for many years, new construction hardly existed. It's all a lot of money, but good health is one of man's greatest assets and its value cannot really be measured in dollars and cents.



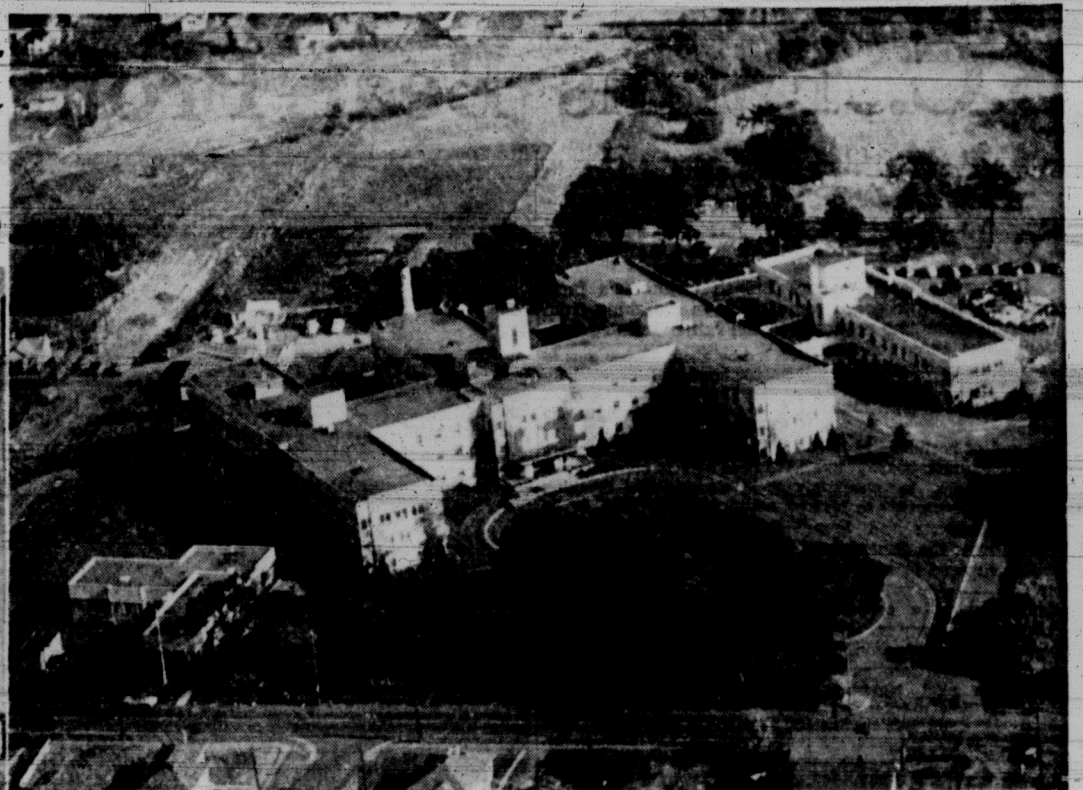
### Addition to St. Joseph's

This photo was taken March 19, 1952, when new administration wing of St. Joseph's Hospital, Victoria, was dedicated and blessed. This unit, containing offices, staff dining-room, emergency ward, children's ward and operating theatre, cost in the vicinity of \$750,000.



### Serving Alberni Region and West Coast

One hundred and fifty bed West Coast General Hospital at Port Alberni was formally opened in November, 1952. Building cost close to \$1,000,000. First West Coast hospital was established in 1912. Citizens of Alberni valley contributed \$145,000 toward the cost of this building when it became obvious old hospital's days were numbered. (Photo by Anton.)



### Fine Hospital For Veterans at Victoria

Aerial view of Department of Veterans' Affairs Hospital in Victoria. This hospital has 300 beds. Main block, containing 250 beds, was opened in 1947. Pavilion at right was added in 1951. DVA has 12 such hospitals across Canada.

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## Victoria Buses Cover 100 Miles

A completely modernized public transit system has been within the area, each with its own routes, in some cases over the 10-year growth of Greater Victoria. The city was one of the first in Canada to complete its post-war transit plan, as a result of a conversion planned by the B.C. Electric during the latter war years and put into effect immediately equipment became available for civilian needs.

At an outlay of over \$2,000,000 the company purchased 110 of the latest type of transit vehicles to replace a total of 40 streetcars which had done yeoman service over a long period of years. First steps in the conversion took place in 1946 and proceeded through the next 18 months until the all-important day in July of 1948 when a wake was held at the retirement of the final streetcar.

The purchase and placement of buses and the abandonment of rails was only part of a larger story.

The over-all planning included provision for a completely integrated bus system. Under this plan and through franchises negotiated with four municipalities in 1947, a unified system it the largest group in the B.C. came into being. Prior to that Electric services.

three companies had operated within the area, each with its own routes, in some cases over the 10-year growth of Greater Victoria. The city was one of the first in Canada to complete its post-war transit plan, as a result of a conversion planned by the B.C. Electric during the latter war years and put into effect immediately equipment became available for civilian needs.

The modernization for passenger convenience and comfort also extended to building and equipping a modern transit operation centre at Garbally Road, opened in 1950, and including the very latest dispatch and maintenance methods.

This year (incidentally, the 10th year of the B.C. Electric's post-war plan) finds a total of 25 routes in operation. Route mileage, at just a decimal point below 100 miles, is regarded by transit experts elsewhere as being extremely comprehensive for a city of Victoria's size.

The service provided carries in the neighborhood of 14 to 15 million passengers a year, somewhat down from the hectic war years, but very much in line with trends which have affected transit elsewhere.

With transportation depending heavily upon manpower as one of its chief necessities, a work force of 225 people make ties in 1947, a unified system it the largest group in the B.C. came into being. Prior to that Electric services.



## AGRICULTURE is BIG BUSINESS in BRITISH COLUMBIA

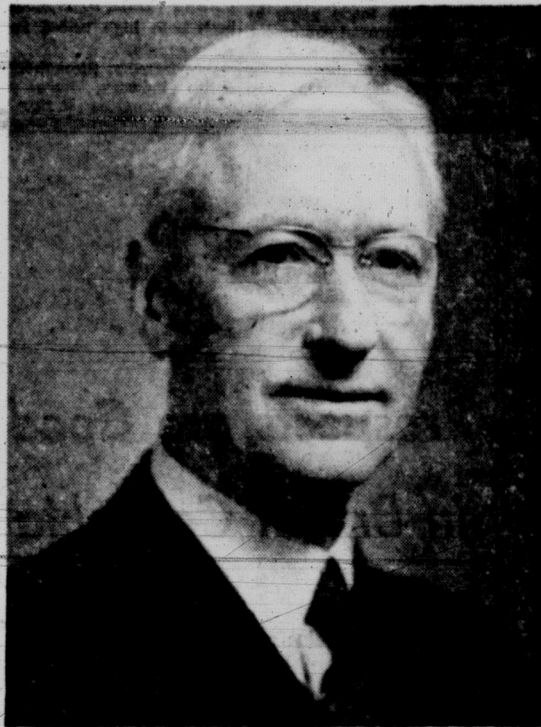
British Columbia farmers produce annually a wide variety of quality agricultural commodities valued at well over \$100,000,000. This output requires goods and services which directly support a number of important industries, including Abattoirs and Meat Processing Plants, Dairies and Creameries, Fruit and Vegetable Packing Houses and Canneries, Seed Houses, Box and Shook Factories and many others.

Steady employment is provided for many thousands of the provincial labor force—a valuable contribution to British Columbia's economic welfare.

Serving Agriculture  
in British Columbia

THE BRITISH COLUMBIA  
DEPARTMENT OF AGRICULTURE  
VICTORIA

WILLIAM MacGILLIVRAY, Deputy Minister      HON. W. K. KIERNAN, Minister



### Gillespie, Hart & Co. Ltd. Est. 1911

For the past decades, the Province of British Columbia has been making spectacular strides in its development as Western Canada's greatest industrial area. Its unexcelled scenic beauty and idealistic climate have won fame far and near; its future holds wealth and prosperity for all.

It has been our privilege to observe personally this great period of development, and as we approach the half-century mark in our service to the public, we have a feeling of deep pride in being part of one of Canada's most progressive provinces.

JOHN HART,  
President.

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# B.C. Farms Beat Problems

## Economy Converted To Peacetime Needs

During the past 10 years British Columbia's farm community has succeeded remarkably in switching from a controlled wartime economy to the rather inflated conditions experienced today.

The difficult transition has been made without seriously disrupting the agricultural economy.

The end of hostilities in 1945 found agriculture geared, like other industries, to wartime production. From 1939 to 1945 production targets had been raised to meet the demands of a nation engaged in an all-out war.

Conversion to a peacetime economy posed many problems. Where volume production had been the sole consideration previously, the vital factors of competition now re-entered the picture.

### WAR MARKET LOST

During the war years, for example, farmers in the province were encouraged to produce such items as flax and vegetable seeds, its provide supplies, normally obtained from countries occupied by the enemy.

When peacetime trade was resumed the lower cost production of these same countries soon deprived B.C. of those profitable outlets.

Further complicating matters were the stringent currency restrictions employed by many countries in an effort to restore trade balances upset by the war. These had the effect of barring exports of such products as B.C. apples, which had formerly enjoyed ready acceptance at sound prices in many countries, especially the United Kingdom.

Farmers in the province, in common with everyone else, were soon caught in the forces of postwar inflation.

Costs of practically everything the farmer needed began to rise. Consequently he found it necessary to adjust his operations to meet these changed conditions.

Emphasis could no longer be placed on gross volume of production and receipts but instead had to be focussed on production per unit and net receipts. A brief review of the general situation in B.C. agriculture shows a substantial measure of progress achieved, during the 10-year transitory period.

The actual farm population has remained almost constant despite the sharp increase in the total population of the province in this same period.

Total farm population now stands at slightly more than 120,000 people, living on some 26,000 farms throughout the province. Farm acreage has increased by about 15 per cent to 4,750,000 acres, aided materially by the land clearing policy of the provincial agriculture department.

Under this policy farmers have been able to obtain assistance in clearing and breaking of additional raw land to be brought into production. Average size of farms is now 180 acres, an increase of about 27 acres a unit.

Farmers have made rapid strides in mechanization.

### TRACTORS UP FOURFOLD

The number of tractors has increased fourfold since 1945 while milking machines, electric motors, grain harvesting combines, pick-up hay balers, forage harvesters and similar equipment have registered similar gains.

These advances have increased sharply the productivity of both farms and farm workers, enabling more efficient operations with a smaller farm labor force.

Similar improvements are shown in the fields of livestock production. Better soil management is evident in every agricultural area. The sound application of commercial fertilizers and a much wider use of irrigation, both furrow and sprinkler, have contributed materially.

There has been a notable interest in developing improved pastures and haylands, yielding higher tonnages of better quality feeds.

Programs have been initiated by the department of agriculture working closely with groups of farmers. Results have been extremely satisfactory. Pasture improvement and silage production are major features in more efficient production of beef, milk and lamb.

### DHI TESTED COWS GAIN

Dairy farmers have succeeded in raising the average yearly production of milking cows by an estimated 10 per cent since 1945. Cows under test by the dairy herd improvement service of the department have recorded a production gain averaging 13 per cent in this same period.

Establishment of disease free areas to control brucellosis and other livestock diseases is economically valuable to producers and safeguards public health.

In the poultry industry, marked gains have been made in the feeding efficiency of young birds for the fryer and broiler trades.

Feeding rations developed at UBC now ensure one pound of gain in body weight for every 1.8 pounds of feed consumed. Such a result was considered impossible 10 years ago.

### TREES BEAR MORE

Fruit growers through the use of improved mechanical equipment, the introduction of new-type spray material developed since the war, and better management practices generally, have increased yields and improved quality at lower production costs.

Since 1945, for example, the average yield of apples has been



Fine Home For Fine Cattle

Improvement of the breed, development of silage production and construction of big, airy barns have marked the advance of agriculture in the province since 1945. Picture shows some jersey calves browsing in front of a double barn with silage towers at a dairy farm at Sardis in the Fraser Valley. (Photo by Govt. Travel Bureau.)

raised from about six boxes a tree to eight.

Progress is reported in developing improved varieties of strawberries and other small fruits, designed to produce larger yields and better quality fruit.

Similarly vegetable and potato growers have made gains by the use of improved equipment, more intensive application of weedicides and of measures for the control of diseases and pests.

The saving of labor and other production costs resulting from improved management practices has often represented the difference between profit and loss.

Mechanization has been particularly important in the postwar period, when labor has been both high priced and in short supply.

B.C. farmers throughout the entire industry, have made notable progress during the relatively short period since 1945. The successful farmer in this province is a front-rank citizen. He remains, as always, an important member of society contributing his full share to the growth and development of our province.

## Population Up 38 Per Cent In 10 Years

Population of British Columbia:	
1945	943,000
1946	1,003,000
1947	1,044,000
1948	1,082,000
1949	1,113,000
1950	1,137,000
1951 (census)	1,185,240
1952	1,198,000
1953	1,230,000
1954	1,266,000
1955 (June)	1,305,000

## Province's Farmers Earned \$105 Million Last Year

B.C. farmers collected more than \$105 million for their 1954 produce. This compared with a farm income in 1945 of \$75 million.

The weather was against them last year. A cold, early end to the season, followed by a late, wet spring cut deeply into what otherwise might have been a big year.

Biggest encouragement for best year for farmers was restoration 1951 when their products reaped of commercial apple shipments of a harvest of \$109,431. That's to the United Kingdom, first the target they are aiming at order in three years. This year, freed of some of the year Britain has allocated more hardships that hit them in of her precious dollars for more B.C. apples.

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### Booster for B.C.



E. G. ROWBOTTOM

Hundreds of interesting pamphlets and booklets which in the past ten years have gone over the world to spread the name of B.C., originated from the office of the deputy minister of Trade and Industry. The department, until he retired in 1954, was in the capable hands of Mr. Rowbottom. Many industrial inquiries have crossed his desk, and his attention has opened many avenues of trade for B.C.

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(keeps your fuel tank from rusting)

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## Prospects are Good in British Columbia

The total value of all mineral production

in British Columbia at the end of 1954 is

estimated at \$3,400,000,000. Mining and

mineral production is B.C.'s second basic

industry and encompasses every section of

the Province.

### BRITISH COLUMBIA

5 per cent arable and grazing

3 per cent water

40 per cent forest

50 per cent rock and barren

All of British Columbia is favourable prospecting ground

for minerals including the mineral fuels.

## DEPARTMENT of MINES

HON. R. E. SOMMERS

Minister

JOHN F. WALKER

Deputy Minister



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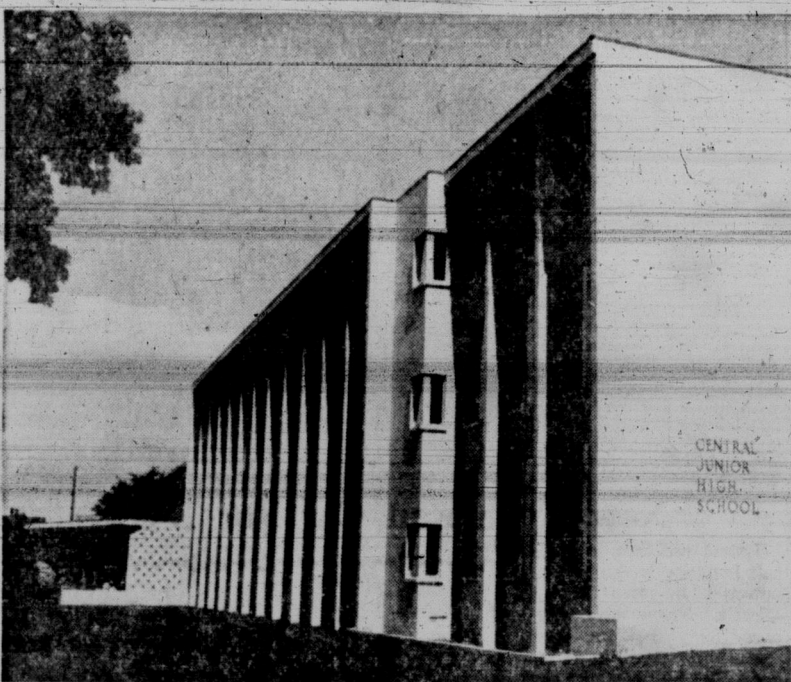
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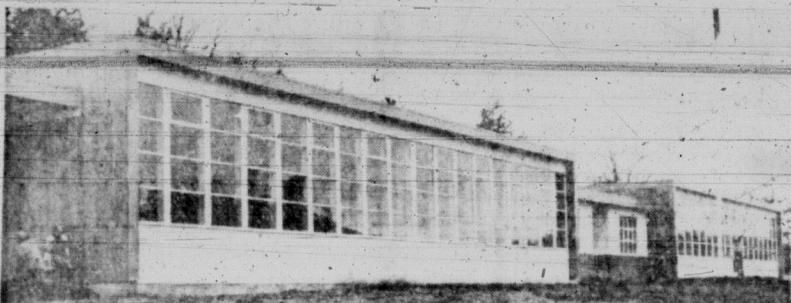




Fine Schools For B.C. Youth

Typical of the new junior high schools, which are being built in the larger communities of the province, is the

Central Junior High School in Victoria, on site of the original Victoria High School, it was completed in 1954.



Fine, modern, airy classrooms are the aim of the architects of B.C.'s elemen-

tary schools, of which this one at Strawberry Vale is a good example.

## Buslines Link-Up Island Developments

The industrial and commercial development on Vancouver Island during the past 10 years has been matched and even anticipated by bus transportation services.

New, modern, motor-coach equipment has been constantly purchased during the period by Vancouver Island Coach Lines. The Coach Lines was the first bus-company in Canada to introduce and operate "air ride" de luxe coaches.

Keeping pace with the growing demands for public passenger service, the number of schedules to up-island points have been doubled since 1945. Seven round-trips daily between Victoria-Nanaimo, four round-trips daily between Nanaimo-Port Alberni, and four round-trips daily between Nanaimo-Campbell River offer a progressive comparison with the four round-trips daily between Victoria-Nanaimo and two each between Nanaimo-Port Alberni and Nanaimo-Campbell River in 1945.

### FAST ROUTES STARTED

It was in 1945 that the Coach Lines inaugurated their famous "Islander Limited" service; and here again, the local company was the first in North America to provide a de-luxe limited-stop reserved seat motor-coach operation between cities. In its first year, the "Islander Limited" carried 12,221 passengers compared with 54,806 in 1954 and the occasion when the half-millionth passenger is to be carried is rapidly approaching.

The extension of the highway system to the west and to the north has enabled Coach Lines to pioneer and develop new routes. The first of these in its fleet from 50 to 116 units 1946 was the opening up of the Sayward Valley north of Campbell River.

## Opportunity In New Centres

Agricultural activity in central British Columbia may be expected to increase to meet part of the food requirements of the new communities.

It is estimated that before 1970, the district Municipality of Kitimat will have a population of 50,000, probably to rank as the fourth largest incorporated community in the province, and a community of 15,000 is expected to rise in the Taku area.

The establishment of large communities in areas where once there were only scattered fishermen, trappers and prospectors will provide opportunities for all branches of economic enterprise.

Present schedules offer seven round-trips daily between Victoria and Vancouver, with five hours travelling time city-centre to city-centre. During July over 125 passengers per day were transported between British Columbia's two largest cities via this routing.

### FLEET INCREASED

Large expansion has also been effected by the Island Freight Service, now one of B.C.'s largest trucking companies.

In January, 1953, the company started a trailer-barge service from the mainland. Barges take empty trailers to the mainland during the day, then load up and leave at 4 p.m., travel during the night and the goods can be delivered to any part of the island by 8 o'clock the next morning.

The company has expanded its fleet from 50 to 116 units to handle the revolutionary new

# \$120,600,000 in New Classrooms

British Columbia has spent \$120,600,000 on new school construction in the last decade.

In the next 10 years it will spend another \$200,000,000, building B.C. schools (this represents about 1,000 classrooms full) who were born outside the province.

The cost of providing accommodation for these newcomers has been over \$20,000,000.

But close analysis shows the expenditures are not out of line with B.C.'s mushrooming economy.

The school building part of the picture is particularly significant.

Education in B.C. is big business, no matter how one looks at it.

### SCHOOL COSTS MOUNT

The experts who live with the nightmare of estimating accommodation needs can provide some startling statistics.

For example, in 1945-46 new school construction in B.C. cost a mere \$343,000. By 1947-48 it had snowballed to \$1,800,000.

Taxpayers were peeped in 1948-49 when new schools cost \$7,300,000.

There was more to come—the next year the figure doubled to \$14,200,000.

In the current 1955-56 period new school construction will cost \$15,500,000.

(The provincial government pays half this amount, and the remainder is raised on the local level by money by-laws.)

It was quite a climb, but it's not over yet—not by a long shot.

### BIG YEARS AHEAD

Authorities predict B.C. will have to spend \$15,000,000 to \$20,000,000 a year on new schools for 15 or 20 years to come.

Said one expert: "After 1955 the enrolment should stabilize, as students begin to leave school at about the same rate as they enter."

But the next 15 years, particularly the next 10, will be ones in which our accommodation will be subjected to tremendous pressure.

This September B.C. will have 235,000 children in school. This compares to 130,000 in 1946.

The school population is increasing on the average of 1,200 a year.

But take a peek into the future. These are the figures which wrinkle government brows.

By 1959-60, it's estimated that there will be 281,000 school children; by 1964-65, 325,000; by 1969-70, 342,000, and by 1980, a staggering 400,000.

### DEMANDS ARE HIGH

People ask why is there such a need for new schools? Is there no end?

Well, it's true that the increase in school population in B.C. is greater than any other Canadian province.

But here are the reasons—1. Immigration to B.C. There are over 35,000 children attend-

In other words, three times as many elementary schools, classrooms and teachers were required.

Up to about last year the high schools had not been affected to any great extent because few of the children had reached the age of 14.

The high-school graduating classes in 1953 and 1954, born in the depression, were the smallest in 20 years.

But students are starting to pour into the secondary grades, and the demand for high-school accommodation is tremendous.

Education officials estimate a

classroom for every 30 pupils. This means at the present 12,500 average annual increase in pupils, 400 new classrooms will have to be built annually—possibly for 15 or 20 years.

Average cost of a high-school classroom is \$22,000, a primary or elementary room \$14,000.

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## HIGHWAYS TO PROGRESS

The future progress of British Columbia and the standard of living of our people is vitally linked to the highway system that serves the many corners of this Province.

B.C.'s admirable highway system comprises 23,500 miles of good roads—3,219 of them hard surfaced and 7,724 of very good gravel surface. The Department of Highways pledges to continue its policy of maintaining and improving present highways and planning new and better highways so as to achieve a network that will be satisfactory to the needs of the industry and the population of this Province.

Department of Highways  
PROVINCE OF BRITISH COLUMBIA

HON. P. A. GAGLARDI  
Minister

EVAN JONES  
Deputy Minister

## Like B.C.— we're building for the future

Because we of The Bank of Nova Scotia are proud to be partners in the growth of this province, we are busy expanding our service to provide not only for today, but for the future.

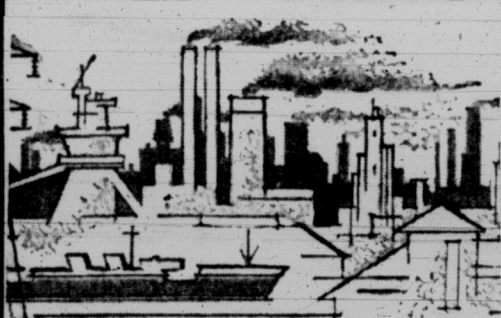
As part of that expansion, we are building an impressive new Main Office in Vancouver. Already there are 16 branches of the Bank in that city—10 of them new ones. Throughout the province there are 40 BNS branches to give you the kind of service you expect from The Bank of Nova Scotia.

Our expansion is a measure of our great confidence in the men and ideas that are so impressively at work in British Columbia. We are honored to contribute—to count ourselves among your most important partners.

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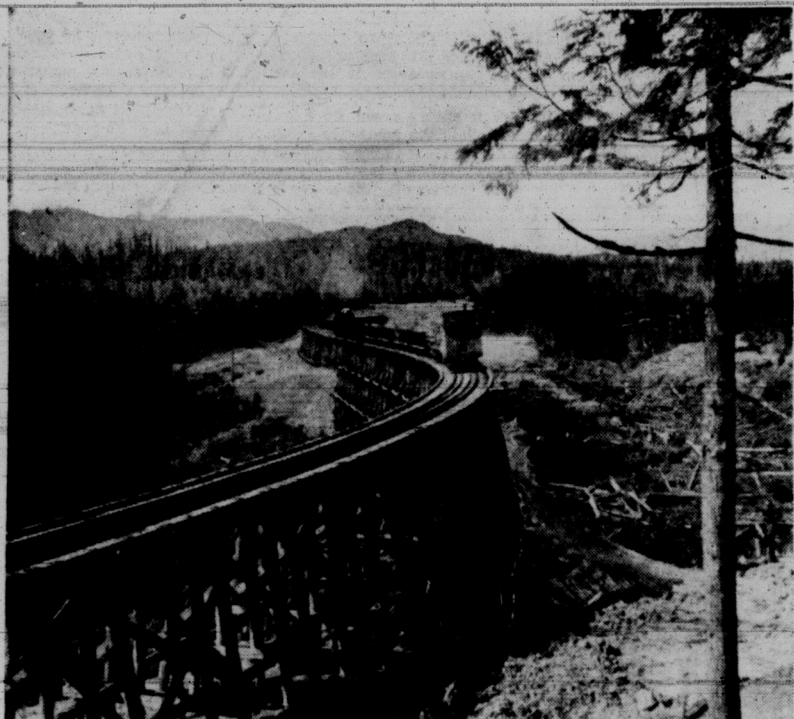
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## Two Big Engineering Feats



This S-shaped wooden trestle spanning the Alwyn Creek is one of the spectacular sections of the new CNR line

linking Terrace with Kitimat. (CNR photo.)



Extension of the B.C. Electric's LaJoie hydro-electric storage dam on Bridge River is expected to be completed by October. Company has spent \$8,000,000 to double the bulk and triple the

length of this dam. New length of dam is 3,390 feet. It impounds enough water to turn five turbines year round. (Jack Lindsay photo.)

## 166 Miles New Track

## Rail Advance Led By PGE

The industrial expansion of the last decade has witnessed a resumption in the building of new railroad trackage for the general development of the province.

The spotlight has mainly centred on the government-owned Pacific Great Eastern Railway, the only north to south line, since the two transcontinental cross the province east and west.

More than \$16,000,000 was ploughed into extending the PGE the 82.5 miles from Quesnel to Prince George where, for the first time it was linked up with the transcontinental system. This was completed November 1, 1952.

Another \$10,500,000 now is being spent on the 40-mile southern extension from Squamish to North Vancouver where it will also link with the main lines. Even on the drawing boards for an early start is a \$30,000,000 further extension in the north from Prince George into the heart of the Peace River territory.

## THE "ALUMINUM LINE"

Another major project was the 44-mile C.N.R. spur line from Terrace to the giant aluminum smelter at Kitimat. At a cost of \$14,000,000 this was completed and opened this year and gave Kitimat its first ground link with the outside world.

It will haul supplies and materials to the aluminum town and take out some of the finished products. Alcan itself has installed eight miles of trackage in its yards.

## CHANGEOVER TO DIESEL

There have been two other major developments in the railroad picture.

In line with the rest of the nation there has been almost a complete changeover from steam locomotives to diesels.

And in the logging industry about 50 per cent of the railroad tracks have been abandoned as heavy trucks took over the log hauling jobs.

PGE led the way in dieselization. Today the line is 100 per cent dieselized, with a total of 25 locomotives, and three more on order. Average cost is \$170,000, but operating expenditures are estimated at 45 per cent of steam operation.

Railways department officials estimate that 70 per cent of rail traffic moving through B.C. today is hauled by die-

sel. This compares with less than 30 per cent for the nation.

The Canadian National and Canadian Pacific have completely dieselized their transcontinental passenger hauls, while the C.P.'s Kettle Valley line has also adopted the more economic driving units.

Canadian Pacific's first complete dieselization program was carried out on its Esquimalt and Nanaimo line. For several years all E and N trains have been drawn by diesel units.

The national railroads have spent millions during the past decade rebuilding trackage through the mountains, to cut the danger of service-stopping slides, and enable faster scheduling.

The swing to diesel has meant speedier time-tables, no-jerk starting and stopping on passenger lines, and sharp cuts in operating costs. Even the B.C. Electric line through the Fraser Valley has been dieselized during the past decade, for reasons of economy. Formerly it was electrically powered.

Total mileage of all railroads in B.C. today is 5,685.2 miles. This compares with some 6,027 miles in 1945, because of the abandonment of rail trackage by logging firms.

## First Chairman



SAM R. WESTON

The B.C. Power Commission was established as a provincially owned non-profit making power undertaking in 1945. Its first chairman of Commissioners was Sam Weston, under whose leadership the John Hart scheme and other notable power plants owned by the Commission were completed. Mr. Weston resigned from the commission in 1954.

## Notable Builder



RALPH PYBUS

Many fine construction jobs in B.C. have been completed during the past 10 years by Commonwealth Construction Company of Vancouver, of which Ralph Pybus is head. Mr. Pybus leads a busy life and is a former president of the Vancouver Board of Trade.



## New Type Rail Car For E &amp; N

Latest addition to B.C.'s rail facilities is the rail car powered by two 275-h.p. Diesels. These cars which carry 89 passengers, accelerate to 50 m.p.h. in 85 seconds. The first of these cars is shortly to go into service on the CPR-owned Esquimalt and Nanaimo Railway.

## B.C. Wines Use Local Fruits

Among the many industries in Victoria which can boast of remarkable progress in the last 10 years is the Growers' Wine Company Ltd. at Lake Hill in Saanich.

The company formed mainly to take care of what was then a surplus of loganberries, is today the largest winery in western Canada, exporting some of its products as far east as Quebec.

This progress and expansion was accomplished in the face of stiff competition from wineries in eastern Canada.

The history of the company goes back to a few years before the First World War when N. H. Lamont and his associates organized the winery to make loganberry wine.

The company's next big expansion took place in 1922, when the plant began to manufacture grape wine for the first time. The grapes were shipped from the Okanagan Valley, the province's largest fruit-growing area.

The company at the same time obtained a distiller's licence allowing it to manufacture spirits. It is the only winery in Canada which owns such a licence.

Further progress took place in the last ten years when the company decided to expand its plant. A storage cellar for 120,000 gallons of wine was constructed in 1946 and two years later an addition was built at the plant for the manufacture of its products.

Today the capacity of the Lake Hill plant is over a quarter of a million gallons. Early this year, the company was purchased by a three-man syndicate comprising prominent Vancouver business figures. The present company officers are Francis V. Lumb, president, A. D. Lauder, vice-president, and Charles R. Fawcett, secretary.

## THE FISHERIES of BRITISH COLUMBIA

**PROVIDE** a direct livelihood for 18,000 British Columbians and many thousands more in allied industries.

**PROVIDE** \$60,000,000 annually of new wealth into the economy of British Columbia.

**PROVIDE** over five times more animal protein food than all other British Columbia sources combined and the crop costs nothing to plant or grow.

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HON. W. R. T. CHETWYND, Minister  
GEO. J. ALEXANDER, Deputy Minister

## Air Travel Records Huge Jump

One of the best illustrations of the growth of air travel in British Columbia during the past 10 years is right at Victoria's back door.

The little 40-mile Victoria to Vancouver run operated by Trans-Canada Airlines carried more passengers out of Patricia Bay and Sea Island from January to July this year than it did during the whole of 1949 or any previous year.

Expansion of Canadian Pacific Airlines, the amalgamation of Pacific Western Airlines and Queen Charlotte Airlines and the steady growth of private non-schedule companies have scarcely kept pace with the increasing demand for the fast comfort of air travel.

In 1947 TCA carried about 91,000 persons to and from Vancouver out of Patricia Bay airport and another 18,000 back and forth from Pat Bay to Seattle.

## TRAFFIC INCREASED

By 1950 the volume had grown to 128,000 persons on the Victoria-Vancouver run though it dropped to 16,500 on the Victoria-Seattle run.

By 1954 the volume of traffic had reached 168,000 persons

both ways on the over-water hop to Vancouver and back and hit 34,000 on the Seattle run.

The rapid increase, of course, necessitated an increase in the number of flights a day which have doubled since 1947. Today TCA runs 17 regular flights to and from Vancouver and has had to run it up to as many as 27 flights on holiday week-ends.

So far this year about 118,000 persons have been carried on the run and at the present rate last year's total volume of 168,000 will undoubtedly be topped by December.

For the month of July alone, TCA carried 20,000 persons on the run compared to 9,000 in July, 1947, and 14,000 in July, 1950.

## CPA FLIES FAR

While CPA operates only one line wholly within B.C., its expansion on international routes has been phenomenal.

This year the 13-year-old airline commenced at twice-weekly services from Vancouver to Tokyo and Hong Kong, formerly a once-a-week service. The increase was due to the

cessation of the company's Korean airlift which, following its inception in 1950, made 703 return trips of the 4,800-mile route carrying 39,313 Canadian and American personnel over 7,600,000 miles.

When the company started its Polar service to Amsterdam on June 3, 1955, it connected the world's two hemispheres and provided a fast, one-carrier service from the Orient to the many centres of Great Britain, France, Holland and Germany.

TCA also operates a service from Vancouver to Mexico City, and it will also run one from Toronto to Mexico City this fall.

With Vancouver as its hub, CPA will operate lines to Mexico City via Toronto this fall. July 18, this year the company also announced the start of a direct non-stop service between Vancouver and Terrace, B.C., to handle increased traf-

fic between Vancouver and the huge Alcan Company industrial project at Kitimat, B.C.

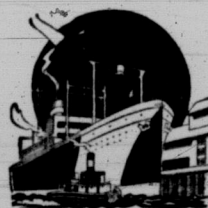
In 1945 CPA carried 125,110 passengers on its various routes. This rose to 149,807 by 1950 and last year it had jumped to 246,965.

## SERVES REMOTE AREA

The recent amalgamation of the pioneer PWA service, which has carried freight and passengers to many remote spots on B.C.'s west coast, and Queen Charlotte Airlines makes PWA now the third-largest airline in Canada.

In addition there are 13 airlines operating non-schedule and charter services to most parts of British Columbia and two helicopter companies whose equipment is suitable for getting to many hitherto inaccessible areas in the province's rugged terrain.

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With the continual expansion of this great western province, Point Hope Shipyards look forward to many more years of service to the vessels which make use of its waterways.

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100% net	6 drillsites—under lease	
LEDUC	15% net	1 well—on production
	12% net	1 well—on production
Royalties on	27 wells—on production	
NAMAO	25% net	2 wells—on production
	25% net	2 drillsites—offsets
(Above reverts to 12% on recovery of costs)		
REDYATER	1% net	1 well—on production
TURNER VALLEY	Royalties on	65 wells—on production
RED CREEK	100% net	4 drillsites—under lease
KESSLER HUGHENDEN	100% net	8 drillsites—under lease
PRINCESS	50% net	1 gas well—capped
	(Estimated reserves—6,600,000 cu. ft.)	
	80% net	7040 acres—C.P.R. Reservation
AHFA OF DRILL	Royalties on	93 drillsites—Leduc, Stettler and Camrose, etc.
WILLISTON BASIN (MANITOBA)	100% net	1250 acres—under lease
EXPANSION PROGRAM DEVELOPING NICELY		

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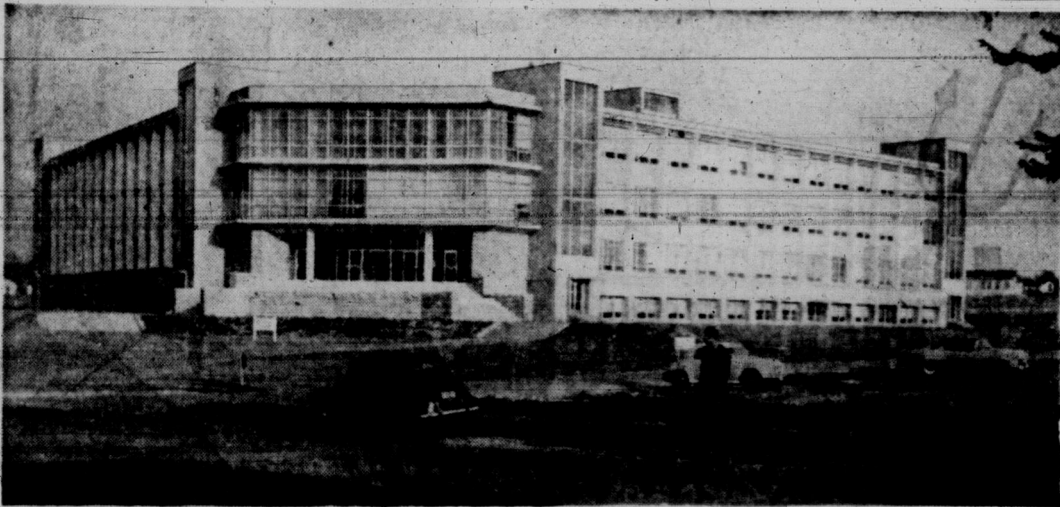
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## University Campus Grows With City

The UBC campus is one of the loveliest in the academic world, and in Vancouver town and gown have developed together. Since the war a medical faculty has, among others, been added to the University, and

the Westbrook Building pictured above is the home of biological science as well as the university's own hospital wards. (Govt. Travel Bureau Photo.)

## City in M. Hurry to Expand

# Vancouver Fights Hard For Breathing Space

From the steep slopes of the towering North Shore Mountains, through the traffic-jammed concrete canyons of the downtown section and out over the Fraser River delta the hum and bustle of a growing city fills the air.

Mighty bulldozers and heavy earth-moving equipment, manipulated by dust-covered, steel-muscled men, lunge through broken rock and trees.

Heavy trucks, bulging under loads of chert, concrete, steel beams or lumber snake their way through the streets.

And a few minutes drive from beautiful Stanley Park the crump-crump of dynamite blasts shears off chunks of mountain as Canada's third largest city fights for breathing space.

### CITY WITHOUT BRAKES

Vancouver is a city in a mad hurry to grow up.

North, south, east and as far west as the Straits of Georgia will permit, Vancouver is expanding at a rate that sometimes troubles long-time residents who can get an idea of the cost of progress by glancing at their soaring tax bills—just one manifestation of this metropolis' growing pains.

But nobody suggests publicly that Vancouver should return to its more placid, pre-war existence when it was renowned chiefly as a shipping port.

British Columbia is moving steadily ahead on the biggest industrial development program in its history and civic leaders and business men are anxious to see that this city helps to set the pace.

There's a heady excitement in all this activity that spells larger payrolls, bigger sales and prettier balance sheets.

Mayor Fred Hume likes to boast that Vancouver's population has almost doubled in the last 10 years but he might be forgiven a slight exaggeration since it's hard to keep track of the sprouting population figures.

Actually the population has risen about 56 per cent in the

last decade. Estimated population of the city proper is almost 400,000 with more than 530,000 in Greater Vancouver which comprises North and West Vancouver and adjoining municipalities.

In the Greater Vancouver trading area, extending up the Fraser Valley there is a whopping population of 675,000.

**BUILDING LOTS SCARCE**

The tremendous influx has created problems and brought about sharp changes in living habits. Real estate values have soared; there is hardly a building lot available in the city proper.

North and West Vancouver, across Burrard Inlet which gives the city one of the finest harbors on the west coast, Burnaby and Richmond are struggling to cope with the overflow.

Housing subdivisions complete with their own shopping centres are springing up all around the city's perimeter. Older homes, particularly in the West End, are crumbling under "creckers' hammers to make way for lavish apartment buildings.

Vancouver can be excused for being a little untidy these days. It's something like a house where the carpenters and painters never quite get finished.

Back in 1946 it was obvious that Vancouver had to spend money if it was going to meet the challenge of a rapid post-war expansion. Voters approved a 10-year, \$50,000,000 civic major improvement plan.

### SKYLINE CHANGED

And late in 1953 city council got further approval of taxpayers to spend \$26,200,000 on a five-year plan covering street improvements, bridges, ornamental lighting, health and

social services, park and library boards, police and fire.

All of these expenditures of public money plus the terrific sums expended by private industry have wrought striking changes in Vancouver and along its skyline.

Gone are the bumpy, dangerous old streetcar tracks that used to centre the main thoroughfares. Today wide, smooth black top streets stretch away to the suburbs. All along their length new stores and shopping districts are springing up.

As Vancouver grows it becomes more decentralized and each district has its own little city.

Some people eye this progress with misgivings.

An old-time resident, back in Vancouver after a lengthy exile (any good Vancouverite firmly believes that anybody who leaves this metropolis becomes an exile) was heard to complain loudly the other day:

"Now that they've pulled up all the street car tracks I can't tell Fourth Avenue from Broadway or Main from Richards. I just can't get my bearings any more."

There are often loud complaints from residents who object to the restricted transit service since the B.C. Electric replaced its steel with rubber. "It was 100 per cent better in the old days. We used to get some service with streetcars," many citizens lament.

But as more and more families get their own cars, the B.C.E. finds the number of riders falling steadily. As business declines so service is restricted.

### GREAT NEW BRIDGE

Of all the improvements in Vancouver, though, none has been more appreciated by citizens than the \$16½ million Granville Bridge.

Its sweeping arch swinging

high above False Creek is an imposing sight and the amount of traffic it can handle has helped Vancouverites to forget the grim memories of the old relic that spanned the inland waterway for so many years and which always seemed to swing open during rush hours.

The new cars that have flooded Vancouver in recent years, of course, have created an alarming traffic problem. One-way streets have speeded up the flow and the rapid expansion of public and private parking lots has eased the on-street parking problem a little.

But what will another ten years bring? If the number of cars increase in the same proportion as in the last decade downtown streets will be plugged solid.

City planners and other groups see this as one of their biggest headaches in the coming years.

### ASSESSMENT SOARS

A look at some of the major building projects in and around the city capsules Vancouver's development into a dollar and cents category that can be quickly appreciated.

Over the last 25 years, the city's total taxable assessment has almost doubled moving from \$333,270,000 to almost \$600,000,000. The gross tax levy has climbed from almost \$11,000,000 to well over \$21,000,000.

This year building permits are expected to top \$50,000,000, making it the second-highest twelve-month period in history.

In addition, hundreds of millions have been spent and are being spent in British Columbia with consequent benefits to this city which acts as a major merchandising and supply base.

Today, just three downtown buildings alone account for \$22,000,000 in construction.



## Great New Bridge Dominates Downtown

The recently-completed Granville Bridge, built at a cost of over \$16,000,000, is a vital link between the downtown area of Vancouver and its most populous southern and western suburbs. Modern devices such

as cloverleaf crossings speed up the traffic on the bridge. Picture shows the bridge with the city, Burrard Inlet and North Vancouver in the background. (Govt. Travel Bureau Picture.)

These are the \$9,600,000 post office; and two-20-storey plus structures; the \$6,000,000 Utah Construction Building, opposite Hotel Vancouver and the B.C. Electric's new head office building which has been placed at \$6,500,000.

The \$8,000,000 Oak Street Bridge, linking the city with Lulu Island and a causeway to the airport is going ahead at a steady pace.

The beautiful \$2,900,000 Customs Building has just been opened a stone's throw from Burrard Inlet and the busy docks. Canadian Western Pipe Mills, backed by a major West German firm is now producing in a \$6,000,000 plant at Port Moody, 30 miles from the city.

Annacis Island, conceived and developed by the British Grosvenor Estates, has just formally opened. Over the years it will be the centre of multi-million dollar industrial developments.

### STAGGERING PROJECTS

The list of projects is staggering. It ranges through schools to house the more than 47,000 young Vancouverites, to modest homes in the suburbs and palatial residences on Vancouver's Riviera across Burrard Inlet—the north and west shores.

A half million population puts a big strain on public utilities and the necessity of keeping ahead of the demand for these services has cost many millions of dollars.

Residents of the Lower Mainland are now drinking the cool, crystal clear water from behind the \$9,500,000 Cleveland Dam which was demanded by the growth of population.

This year alone the B.C. Electric will spend \$40,000,000 on its services. The utility company is spending \$6,000,000 to run a 132,000-volt line from Vancouver across the Ladner Delta and under the Gulf to carry badly-needed power to Victoria

of its kind in the world, fills an important niche in helping to develop the country with its fleet of whirly birds.

Currently a controversy is raging over location of a small secondary airport to handle the dozens of small private planes.

### BUSY WATERFRONT

Vancouver's waterfront is buzzing these days. Shipping prospects for lumber and grain are good. The Orient line operates luxury liners between here London and the Antipodes and then there is always the lucrative ferry trade with the island.

The Black Ball Line has speeded up service to Nanaimo by docking at Horseshoe Bay while the CPR has added smart new ships in an effort to hold its share of the business.

Construction of the \$105,000,000 Trans Mountain oil pipeline from Alberta has led to multi-million dollar refinery expansion

sions here and now there is every hope that the Westcoast Transmission Company's natural gas pipeline from the Peace River—if and when it gets the necessary approval from the U.S. Federal Power Commission to export fuel across the border—will bring about an industrial revolution in the interior and on the coast.

Extension of the Pacific Great Eastern Railway from Squamish is causing heartaches in the beautiful West Shore residential districts but, economically speaking, government leaders talk confidently of the tremendous fillip it will give to business.

Much has been written and said and many old clichés have been used to describe the promising future of this metropolitan city and the rest of the province. But one of the nicest things about all the optimism is that it is well founded.

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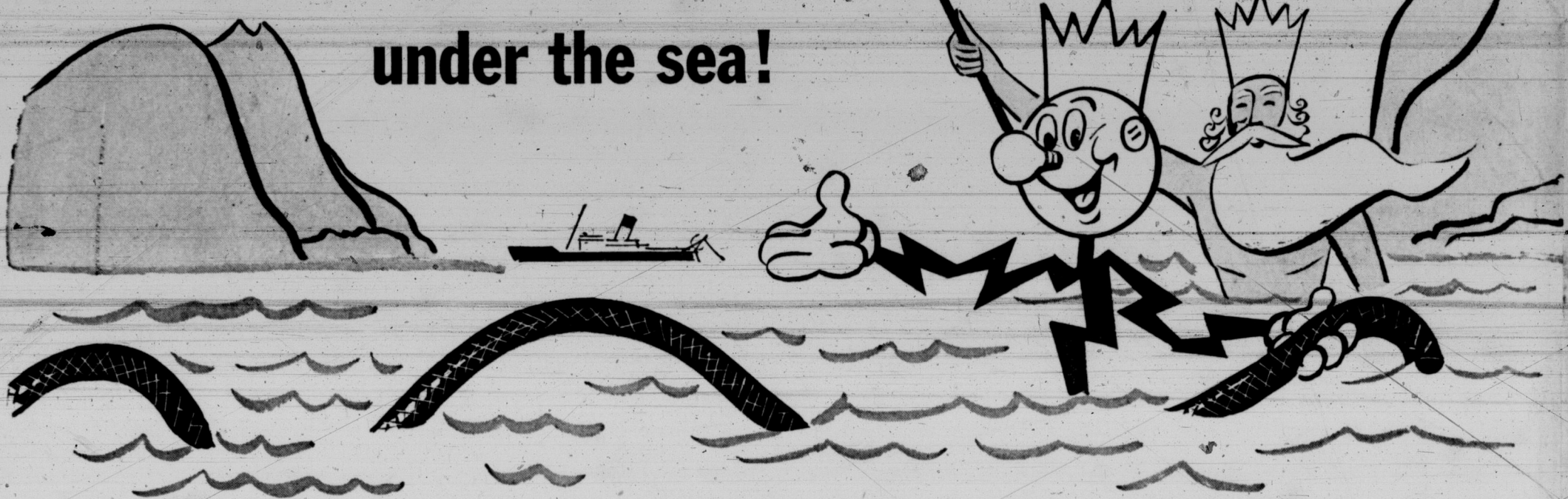
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## SUBMARINE CABLE TO VANCOUVER ISLAND PART OF B.C. ELECTRIC'S PROGRAM TO PROVIDE MORE POWER FOR BUSINESS MOVING TO B.C.

Industrial development has been taking place at an unprecedented rate of growth in British Columbia in the postwar years. On Vancouver Island, demand for electric energy grows rapidly, although hydro-electric development is limited. British Columbia's mainland, on the other hand, is rich in power resources.

The problem of bringing the benefits of the mainland's power supply to Vancouver Island has been solved. The B.C. Electric is going ahead with a submarine power circuit which will have the world's highest capacity of 120,000 kilowatts.

The 46-mile combination overhead and underwater circuit will be completed in mid-1956. It will operate at 132,000 volts. The four made-to-order cables comprising the circuit will be under water for 19 miles.

Hailed by B.C. newspapers as "the most significant electrical development in this Province," this cable link will solve immediate power problems on the Island. Further cable connections as required will allow industrial development there to proceed unchecked.

### Plans for Natural Gas

The B.C. Electric is also ready to participate in another major industrial development—the early arrival of natural gas at the western Canadian coast. Plans call for early expenditures of \$20,000,000 on new gas receiving and distributing facilities in Greater Vancouver and the Fraser Valley. This will mean the benefits of natural gas will be available in those areas immediately the gas transmission line is completed.



### Among the Highlights In 10 Busy Years

The B.C. Electric's development program since the war is one of the largest industrial undertakings in Canada.

In the 10 years ending in 1955 more than \$275,000,000 will be invested in new facilities to keep ahead of the unparalleled growth in population, industrial development and increasing trend to "electrical living."

The undertaking has involved tremendous physical problems, including some pioneer achievements in hydro construction engineering, which has increased generating capacity from 307,000 horsepower to 975,000 horsepower—all in a matter of 10 years.

For this record of achievement it is equally significant that the company has been able to borrow large sums of money, which represent the savings of thousands of individuals. It shows there is a general belief in a prosperous future for British Columbia; that investors regard the B.C. Electric as a well-managed company which will make expenditures prudently, be able to earn a reasonable return on their investment, and will retire the debt as required.

**British Columbia Power Corporation, Limited**  
**British Columbia Electric Company, Limited**



# "Ten Great Years for B.C." — Special Section

Weather:  
A Few Showers  
Details on Page 5

## Victoria Daily Times

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# West Scoured in Family Killings

## Gunmen Raid Mid-Town Bank At Vancouver

'Stop-Watch' Bandits Seize 'Large Amount' in U.S. Cash

VANCOUVER (BUP)—Three "stop-watch" bandits today robbed a mid-town branch of the Bank of Nova Scotia and escaped with "a large amount of money" after looting two cashiers' tills.

The men, unmasked except for sunglasses and false mustaches, barged into the Broadway and Burrard street branch of the bank at 11 a.m.

Chief accountant Edward Moore said the trio, all armed with pistols, held seven members of the bank staff and four customers at bay while one of the gang timed the robbery with a stop-watch.

CASHBOXES, RIFLED  
Two of the men vaulted over the counter and rifled the tills while the third stood guard with the stop-watch in his hand, Moore said.

"They didn't say anything and they didn't lose any time," Moore added.

The thugs took the money from the tills of two tellers, Don McRae and Diane Tickell. The ringleader was described as 35 years old and the other two were about 18 and 27, police reported.

The bandits escaped in a green car and were believed to have transferred to a fawn-colored car a few blocks away. Police set up road blocks throughout the area in an attempt to catch the robbers.

Moore said the loot included a large quantity of American funds. The thugs scooped the money into a shopping bag before fleeing.

Vancouver's last bank robbery occurred June 7 when the Canadian Bank of Commerce was robbed of \$2,500.

Champagne for Beer As Brewery Errs

BERLIN (Reuters)—A Berlin brewery announced today that it had "accidentally" distributed 30 beer bottles filled with champagne and would give each "finder" 50 marks (about \$12) and 30 ordinary bottles of beer. The champagne was intended for a brewery celebration and was delivered by mistake.

## TRAFFIC INSPECTOR SPEEDING?

## Ticketing Boss Got Them Fired Constables Claim

VANCOUVER (BUP)—Two probationary police constables were sacked by Police Chief Walter H. Mulligan today after they tried to give traffic inspector Harrison a ticket for speeding, the Tupper Royal Commission was told today.

## NO LIBERAL CONVENTION THIS FALL

The British Columbia Liberal Association has dropped plans for holding a provincial convention this fall.

Decision was made in Vancouver by the British Columbia advisory committee, which left a new convention time to party officers.

Provincial leader Arthur Laing issued the call for a fall convention this spring.

The Liberals now are not expected to hold a convention until after the spring session of the legislature. The House sits early in January next year.

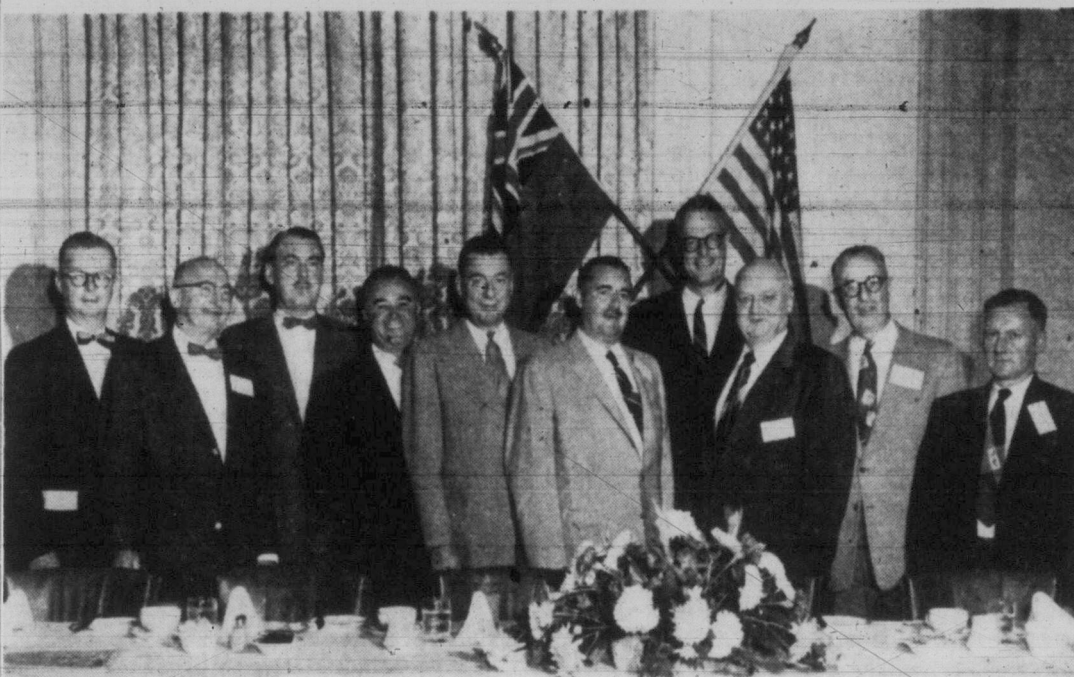
## Marilyn Bell's Purse Taken by Sneak Thief

TORONTO (BUP)—Marilyn Bell's wallet containing \$14, papers and souvenirs disappeared from her dressing-room table at the Canadian National Exhibition grandstand Tuesday night.

But she said she was not reporting it to police, preferring to trust human nature.

"I hope to find it on the table tonight," she said.

## High Men of Financial World Come to City



Top men from 10 major stock exchanges on the continent are among delegates reaching Victoria this afternoon for final sessions of the National Association of Securities Administrators' convention. Unique picture shows them all together, probably for first time, at breakfast meeting during Vancouver sessions: Left to right: Harold I. Kramer, president, Midwest Stock Clearing Corp., Chicago; Ronald E. Kaehler, president, San Francisco Stock Exchange; E. H.

McAteer, chairman, Canadian Stock Exchange, Montreal; Edward McCormick, president, American Stock Exchange, New York; James B. Weir, chairman, Montreal Stock Exchange; John McGraw, president, Vancouver Stock Exchange; Keith Funston, president, New York Stock Exchange; W. G. Paul, president, Los Angeles Stock Exchange; A. J. Trebilcock, executive manager, Toronto Stock Exchange; and Brian Lock, president, Calgary Stock Exchange.

## BREAD, MILK, EGG PRICES MAY JUMP

VANCOUVER (CP)—Slight increases in bread, milk and egg prices in western Canada could result this fall if an expected in grain freight rates materialized, spokesmen said here today.

The Board of Transport Commissioners in Ottawa have been asked to authorize an increase of about 10 per cent in rates on grain moving within the west. This would not apply to grain for export.

"Bread would have to go up a cent a loaf at least," said Don Brown, milling company executive. This would hit feed grains and hence, poultrymen and other farmers, he said. (See also Page 13.)

## BONNER ADDRESSES CONVENTION

## 'Heady' Atmosphere of Growth In B.C. Reviewed for Investors

The "heady atmosphere" of development and expansion in British Columbia was outlined to visiting American investment experts by Attorney-General Robert Bonner in Vancouver Tuesday night.

Mr. Bonner addressed a dinner meeting of delegates to the convention of the National Association of Securities Administrators.

The convention delegates, nearly 400 strong, are aboard CPR steamer this afternoon en route to Victoria for two further days of sessions at the Empress Hotel. They arrive late this afternoon.

## FUTURE TO BE RICH

The prospects of harnessing the Yukon and Taku Rivers to deliver 4,900,000 horse power of electrical energy at tidewater was "an industrial opportunity of the first magnitude," Mr. Bonner told the visitors.

"And development of the Columbia depends on a formula for downstream benefits. The problem to my certain knowledge, is occupying the best minds of four governments and a host of interested parties," he said.

The "unexampled development" of B.C. was shown last year when 1,869 companies became incorporated, "sharing my belief in the rich future of this province," Mr. Bonner said.

## CAPACITY ROAD WORK

The present road-building program in B.C. has reached as fast a pace as it can possibly go for the time being, Mr. Bonner disclosed.

Speaking of the stepped-up highway program instituted by the present government, Mr. Bonner acknowledged:

"We have reached the point where we find the capacity of our engineering staff and the contractors engaged in this field almost insufficient to carry out the program approved by the legislature."

Mr. Bonner gave no hint, however, that any announced projects were being shelved.

## POPULATION UP 55%

Dealing further with B.C.'s development during the last 15 years, he pointed out that the population has increased 55 per cent—from 792,000 in 1940 to

1,300,000 today—while Canada's population as a whole had grown only 27.8 per cent.

He referred to the increased value of manufacturing as evidence the economic base of the province gradually was being transferred from primary products to those of secondary industries.

He noted, too, that the per capita income of British Columbians was now on about a par with Ontarians. Per capita income in Ontario last year, he said, was \$1,470, and in British Columbia \$1,466.

## Egypt, Israel Accept UN Bid For Cease-fire

JERUSALEM, Israel (UP)—Egypt and Israel accepted a United Nations invitation for a cease fire along the Gaza border today but Israel coupled its acceptance with charges the clashes were provoked only by Egypt.

Arthur Lourie, director general of the Israel foreign office, said in a letter to Canadian Maj.-Gen. E. L. M. Burns, chief of the UN truce supervision organization, that Egypt should give a guarantee for immediate and complete cessation of all further hostile acts.

A communique from the Egyptian government information department earlier said Egypt had accepted the cease fire along the strip where a week of clashes has threatened resumption of the 1948 war.

Lourie, in accepting for Israel, noted with regrets that Burns assumed common responsibility of both Israel and Egypt for the border incidents and said the Egyptian acts were "glorified by its official spokesmen as well as its controlled press and propaganda agencies."

## Huge Manhunt After 5 Slain; Coast Alerted

MELVILLE, Sask. (CP)—A huge manhunt throughout the west, extending to the B.C. coast, was underway today after the killing of five members of a Saskatchewan farm family.

RCMP want to question 36-year-old John Petlock, relative of the victims. They say the quiet-be-spectacle farmer "probably is armed" and is "possibly dangerous."

Petlock is five feet 5½ inches tall, of slim build and weighs about 140 pounds. He has fair hair, wears glasses and has protruding teeth. When he left home he was wearing blue jeans, a grey shirt and a beige peaked cap.

Police said he was believed to be driving a 1953 Meteor car, metallic green and bearing Saskatchewan licence plates numbered 76496.

The five victims, including two children, were found shot

to death on a farm at Fenwood, 22 miles west of here. RCMP said the bodies of Mrs. Harry Petlock, 70-year-old widow, and her daughter-in-law, Mrs. Angeline Petlock, 21, were found hastily buried under dirt, leaves and old sacking near a potato pile in the farmyard garden.

Bodies of Mike Petlock, 34—Angeline's husband and the elder Mrs. Petlock's son—and of his two children, Diane, three, and an infant, were found inside the farmhouse, behind locked doors and drawn blinds.

All five were killed by shots from a gun that investigating officers said probably was a 22-calibre rifle.

## May Have Fled 'Hundreds of Miles'

It was not known precisely when the shootings occurred. Police said the five might have been slain Monday.

They said the slayer could have been "hundreds of miles away" by the time investigators reached the Petlock property.

It was John Petlock's disappearance from his nearby home reported to police by his wife—that led to discovery of the other Petlock deaths, first quintuple-slaying in western Canada since the Schmidt killings near Winnipeg in 1951.

A small black mongrel dog helped lead police to the five victims.

The black pup was running excitedly about the family market garden Tuesday where two RCMP constables investigating the report of Petlock's disappearance stood munching freshly picked carrots. After a routine search of the farm they followed the dog to a potato patch where, under a pile of fresh toppings, were found the bodies of Mrs. Harry Petlock and Angeline Petlock.

The constables forced their way into the locked house. On the kitchen floor was the body of Angeline's husband, Michael, a brother of John. In the nearby bedroom were the bodies of Michael's two children, one an infant, the other about three years old.

UNDER BLANKETS  
Both had been shot to death then neatly covered with their usual blankets.

Police said the house was tight.

Police said it appeared that the two women were shot from close range, probably late Monday, while picking potatoes. They also expressed the theory that Michael was not then at home but was shot through the head as he entered the farmhouse through the kitchen door.

A cigar butt on a chair near the door led police to believe the slayer had been standing on the chair waiting for Michael to enter.

It was not known where the children fitted into the sequence. John Petlock had been missing from his home a half-mile away since Monday when he told his wife he was going stoking in his own field.

He didn't return that night and the next morning Mrs. Petlock went to the field and called his name in vain. Then she phoned the police but didn't go near her brother-in-law's house.

When Harry Petlock, the family patriarch, died seven months ago he left Michael his house and two quarter sections. John got one quarter section.

Police believed the elder Petlock had always kept his money, earned through 20 years' farming in this district 80 miles northeast of Regina, in the house. After his death his widow continued the policy, they said.

## WIRE BRIEFS

### \$7 Million Suit

NEW YORK (AP)—Walter Winchell is suing the American Broadcasting Co. for \$7,000,000, the network said today. The damage suit, involving one of the largest sums ever specified in broadcasting litigation, is the upshot of termination of Winchell's contract with the network June 26.

### New Softball Hazard

PORT ARTHUR, Ont. (CP)—Police said today they are checking a report that a bullet creased the forehead of centre fielder Eddie Cox during a Port Arthur Red Sox-Fort William Army and Navy senior baseball playoff game on Tuesday night at the Port Arthur stadium.

## French Chief Resigns Post In Morocco

PARIS (Reuters)—The French government today announced officially the resignation of Gilbert Grandval from his post as resident-general of Morocco.

Grandval's resignation follows last week's Franco-Moroccan talks in Aix-les-Bains which produced an agreement on formation of a representative government for the troubled protectorate.

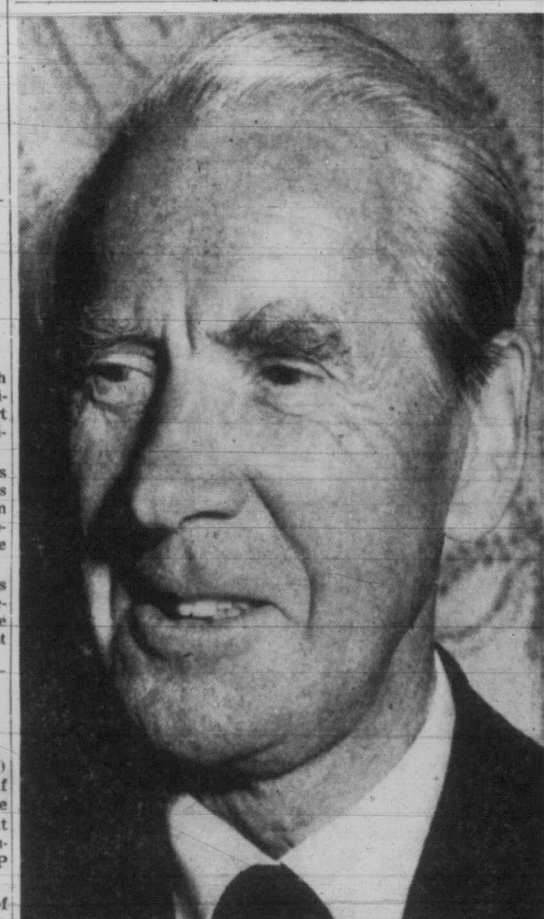
According to reliable sources, his resignation was the price demanded by certain sections of the French cabinet for their agreement to the new reforms.

## Ganges Man Killed At Fish Cannery

PRINCE RUPERT, B.C. (CP)—James Galbraith, 50, of Ganges, B.C., was killed while loading fish aboard a barge at the Canadian Fishing Co. cannery at Klemtu, B.C. RCMP said here today.

Galbraith, an employee of Northland Navigation Co. Ltd., was caught by the arm and dragged into a winch during loading operations. His arm was almost severed from his body.

An inquest held by Coroner W. C. Probyat at Klemtu ruled he died as a result of his injuries.



## Distinguished Guest

Guest of Province of British Columbia and city of Victoria today is Sir Seymour Howard, Lord Mayor of London. Here on a brief visit, he addressed a joint meeting of the Canadian Club and Victoria Chamber of Commerce. (Times photo. See story, Page 17.)

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See where some movie queen has left her husbin so's they kin think things out. But what with?  
Hearin' about all these securities men in town, m' Uncle Zeke wanted t' know why th' FBI-was here.  
Thet little girl on th' radio show c'd sure spell. Seems like she c'd add up her chances, too.



# "Ten Great Years for B.C." — Special Section

LATE SPORT  
RACES

# FOUR STAR FINAL

NEWS FLASHES  
STOCKS

Weather:  
A Few Showers  
Details on Page 5

## Victoria Daily Times

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# HUGE MANHUNT IN WEST FOR KILLER OF FIVE

## FINAL ★ ★ ★ ★ BULLETINS

### Nashua Wins \$100,000 Match Race

CHICAGO — Nashua, owned by William Woodward, Jr., New York and ridden by the veteran Eddie Arcaro, today defeated Rex Elmsworth's Swaps with Willie Shoemaker aboard, from California by five lengths at Washington Park in their \$100,000 match race.

Nashua, starting in the rail position, surprised the big crowd by breaking fast and refusing to give up the rail in the early running. Swaps, Kentucky Derby winner, made several runs at the eastern champion, but could never go ahead.

The track was slow with Nashua being timed in 2:04 1-5.

### New French Chief Reaches Morocco

RABAT, Morocco (UP)—Gen. Pierre Boyer de la Tour du Moulin, the new resident general, arrived tonight to apply France's "peace plan" to its strife-torn protectorate.

Informed sources said the tough general will confer with Sultan Mohammed Moulay Arafat Thursday and ask him point blank whether he will "fade away" and leave the throne vacant.

### Leonard to Play in Manitoba Open

WINNIPEG (CP)—Stan Leonard of Vancouver, runner-up in the \$26,800 open golf tournament at Montreal last week-end, will compete in the \$3,000 Manitoba Open at Winnipeg, Sept. 9-10.

Leonard lost out in the big eastern tournament last Sunday to Gene Littler of Palm Springs, Calif., in an extra-hole playoff.

### Canadian Soccer Playoff Dates Set

WINNIPEG (CP)—Playoff dates for the Canadian soccer championships were announced today by George Anderson of Winnipeg, secretary of the Football Association of Canada. All series are best-of-three.

New Westminster Royals will meet Calgary Danish-Canadians at Calgary, Sept. 7, 8 and 10, with the winner going against Institute Prosvita Athletic Club in the western final at Winnipeg, Sept. 13, 14 and 15.

The Canadian final will be held in Toronto, Sept. 18, 19 and 21.

### Jackson Has Pound Edge on Charles

CLEVELAND (UP)—Tommy (Hurricane) Jackson of Far Rockaway, N.Y., had a one-pound weight advantage over Ezzard Charles of Cincinnati, O., today for their 10-round heavyweight fight tonight. Jackson scaled 192 pounds at the weigh-in; Charles 191.

### Civil Servants to Oppose Garnishee

OTTAWA (CP)—Officials of two civil service organizations said today that civil servants probably would object to any attempt to take away their immunity to wage garnishees.

Fred Whitehouse, president of the 60,000-member Civil Service Federation of Canada, said that while the federation had never considered the question "I would presume that it would be opposed."

### Tupper Queries RCMP Squad

VANCOUVER (CP)—Royal Commissioner Reginald H. Tupper has questioned a special RCMP squad on the progress of their investigation into the criminal aspects of testimony heard to date during his investigation into the Vancouver police department.

Hearing of evidence on alleged underworld payoffs to police was suspended while the RCMP team conducted its check. The commission now is hearing submissions from the police union on police morale and efficiency.

Mr. Tupper indicated Tuesday that if the RCMP team under Inspector M. J. Dube of Regina has completed its investigation, the squad's report would be heard immediately after the unions complete its case.

He met with Inspector Dube Tuesday night but there was no immediate indication when the RCMP report would be ready.

If the RCMP report is not ready shortly, Mr. Tupper is expected to adjourn the hearing under way since July 13, until the report can be introduced.

### New Softball Hazard

PORT ARTHUR, Ont. (CP)—Police said today they are checking a report that a bullet creased the forehead of centre fielder Eddie Cox during a Port Arthur Red Sox-Port William Army and Navy senior baseball playoff game on Tuesday night at the Port Arthur stadium.

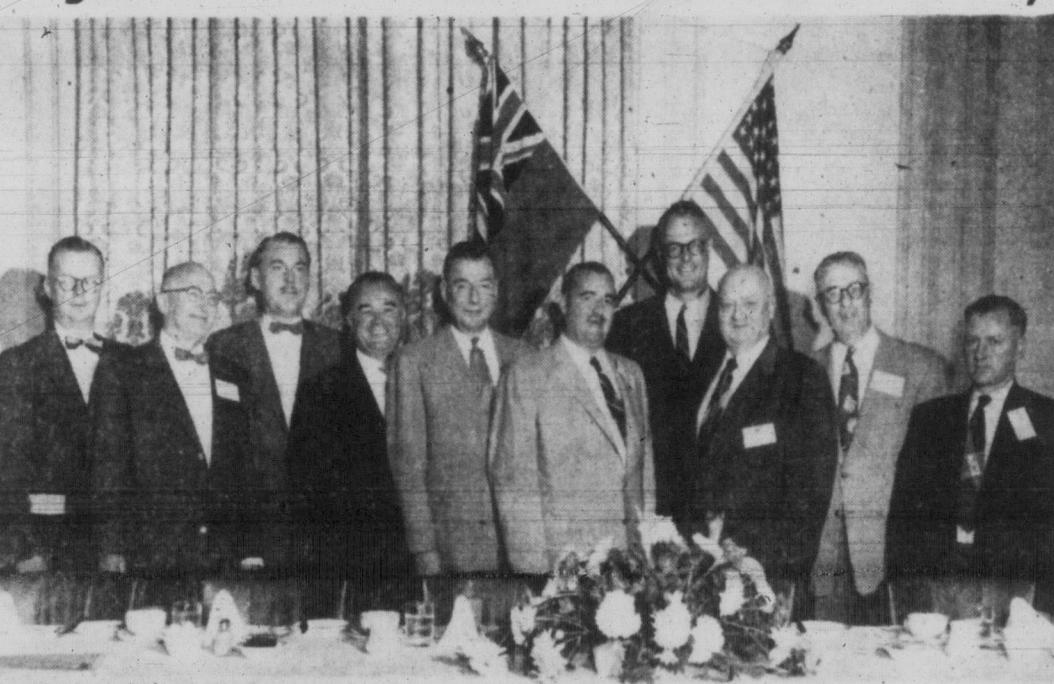
### VANCOUVER SELECTIONS

**RAILBIRD**  
The Sun  
1-Inverness, Plovers Call, Lady Able  
2-Miss Repeat, Uncle Chuck, Tessie  
3-His Jack, Flash Bet, Vance  
4-Narco, High Cara, Dotti, Heller  
5-Gato, Air Lord, Jaxia  
6-Smart Count, Toploch, Three Bars  
7-Beau Sierra, Pen Oracle, Dimitri  
8-Dalrac, Glen, Glory Roll, Gato, Dash  
9-Mowich, Honey Bill, Gato-Dash  
One Best-Gato

**KEN McCONNELL**  
Province  
1-Inverness, Plovers Call, Royal Mobby  
2-Miss Repeat, Uncle Chuck, Beau Charles  
3-His Jack, Flash Bet, Vance  
4-Narco, Dotti, Heller, High Cara  
5-Gato, Air Lord, Jaxia  
6-Smart Count, Toploch, Three Bars  
7-Beau Sierra, Pen Oracle, Dimitri  
8-Dalrac, Glen, Glory Roll, Gato, Dash  
9-Mowich, Honey Bill, Gato-Dash  
One Best-Pen Oracle

### Vancouver Entries, Page 3

### High Men of Financial World Come to City



Top men from 10 major stock exchanges on the continent are among delegates reaching Victoria this afternoon for final sessions of the National Association of Securities Administrators' convention. Unique picture shows them all together, probably for first time, at breakfast meeting during Vancouver sessions. Left to right: Harold I. Kramer, president, Midwest Stock Clearing Corp., Chicago; Ronald E. Kaehler, president, San Francisco Stock Exchange; E. H.

McAteer, chairman, Canadian Stock Exchange, Montreal; Edward McCormick, president, American Stock Exchange, New York; James B. Weir, chairman, Montreal Stock Exchange; John McGraw, president, Vancouver Stock Exchange; Keith Funston, president, New York Stock Exchange; W. G. Paul, president, Los Angeles Stock Exchange; A. J. Trebilcock, executive manager, Toronto Stock Exchange; and Brian Lock, president, Calgary Stock Exchange.

### RACE ENTRIES

#### DEL MAR

**FIRST RACE**  
Mr. Henry 114  
The Champion 116  
J. Betasid 115  
Wedge Head 114  
Oaklandman 118  
Wier 118  
Break the Ice 118  
Tinto 118  
**SECOND RACE**  
Getaway 108  
Palmers Flash 108  
Springville 112  
Honey Tuck 110  
Curtis 112  
**THIRD RACE**  
Ironhorse 114  
Pond Dots 108  
Chateau House 111  
Recreation 120  
Devil's Drum 114  
T. of The 114  
**FOURTH RACE**  
Home Town Hero 119  
New Day 119  
Take the Lead 122  
**FIFTH RACE**  
Miss Georgia 118  
Sing N Cat 112  
Mr. Lefrow 114  
Shame Face 119  
**SIXTH RACE**  
Pony Red 112  
Dr. Bumpy 115  
Hickory Stick 115  
Direct Current 109  
**SEVENTH RACE**  
Call Command 112  
Me to Day 115  
Senna II 112  
Swail 115  
**EIGHTH RACE**  
Right Bright 122  
Renown 122  
Brink N Bright 113

### SELECTIONS

#### DEL MAR

1-The Champion, Golden Oxcar, Mr. Henry 1.  
2-Cheery Malista, Honky Tunk, Cobble.  
3-Balls, Belle, Vell, M.C. Resurrection.  
4-Royal Web, Take the Lead, Caesar Red.  
5-Sing N Cat, Mr. Lefrow, Wier, Re-Marks.  
6-Ancient Pistol, Hickory Stick, Pony Red.  
7-Cold Command, Swail, Me to Day.  
8-Sun Dots, Texas Leasuer, My Boy Bobby.

### RESULTS

#### DEL MAR

First Race  
Deacon (Fingering) 843.50 112 10 55.78  
Call to Order (News) 3.10 2.60  
Lily Short (Peterson) 2.30  
Time 1:12

### BONNER ADDRESSES CONVENTION

## 'Heady' Atmosphere of Growth In B.C. Reviewed for Investors

The "heady atmosphere" of development and expansion in British Columbia was outlined to visiting American investment experts by Attorney-General Robert Bonner in Vancouver Tuesday night.

Mr. Bonner addressed a dinner meeting of delegates to the convention of the National Association of Securities Administrators.

The convention delegates, nearly 400 strong, are aboard a CPR steamer this afternoon en route to Victoria for two further days of sessions at the Empress Hotel. They arrive late this afternoon.

### FUTURE TO BE RICH

The prospects of harnessing the Yukon and Taku Rivers to deliver 4,900,000-horse power of electrical energy at tidewater was "an industrial opportunity of the first magnitude," Mr. Bonner told the visitors.

"And development of the Columbia depends on a formula for downstream benefits. The problem to my certain knowledge, is occupying the best minds of four governments and a host of interested parties," he said.

The "unexampled development" of B.C. was shown last year when 1,869 companies be-

came incorporated, "sharing my belief in the rich future of this province," Mr. Bonner said.

**CAPACITY ROAD WORK**  
The present road-building program in B.C. has reached as fast a pace as it can possibly go for the time being, Mr. Bonner disclosed.

Speaking of the stepped-up highway program instituted by the present government, Mr. Bonner acknowledged:

"We have reached the point where we find the capacity of our engineering staff and the contractors engaged in this field almost insufficient to carry out the program approved by the legislature."

Mr. Bonner gave no hint, however, that any announced projects were being shelved.

### POPULATION UP 55%

Dealing further with B.C.'s development during the last 15 years, he pointed out that the population has increased 55 per cent—from 792,000 in 1940 to

(Continued on Page 33)

### Coast Alerted For Dangerous Armed Suspect

MELVILLE, Sask. (CP)—A huge manhunt throughout the west, extending to the B.C. coast, was underway today after the killing of five members of a Saskatchewan farm family.

RCMP want to question 36-year-old John Petlock, relative of the victims. They say the quiet bespectacled farmer "probably is armed" and is possibly dangerous.

Petlock is five feet 5½ inches tall, of slim build and weighs about 140 pounds. He has fair hair, wears glasses and has protruding teeth. When he left home he was wearing blue jeans, a grey shirt and a beige peaked cap.

Police said he was believed to be driving a 1953 Meteor car, metallic green and bearing Saskatchewan licence plates numbered 76496.

The five victims, including two children, were found shot to death on a farm at Fenwood, 22 miles west of here.

RCMP said the bodies of Mrs. Harry Petlock, 70-year-old widow, and her daughter-in-law, Mrs. Angeline Petlock, 21, were

found hastily buried under dirt, leaves and old sacking near a potato pile in the farmyard garden.

Bodies of Mike Petlock, 34—Angeline's husband and the elder Mrs. Petlock's son—and of his two children, Diane, three, and an infant, were found inside the farmhouse, behind locked doors and drawn blinds. All five were killed by shots from a gun that investigating officers said probably was a .22-calibre rifle.

It was not known precisely when the shootings occurred. Police said the five might have been slain Monday.

They said the slayer could have been "hundreds of miles away" by the time investigators reached the Petlock property.

It was John Petlock's disappearance from his nearby home—reported to police by his

(Continued on Page 33)

## Gunmen Raid Mid-Town Bank At Vancouver

### 'Stop-Watch' Bandits Seize About \$10,000 in Cash

VANCOUVER (BUP)—Three "stop-watch" bandits today robbed a mid-town branch of the Bank of Nova Scotia and escaped with about \$10,000 in cash after looting two cashiers' tills.

The men, unmasked except for sunglasses and false mustaches, barged into the Broadway and Burrard street branch of the bank at 11 a.m.

Chief accountant Edward Moore said the trio, all armed with pistols, held seven members of the bank staff and four customers at bay while one of the gang timed the robbery with a stop-watch.

### CASHBOXES RIFLED

Two of the men vaulted over the counter and rifled the tills while the third stood guard with the stop-watch in his hand.

Moore said: "They didn't say anything and they didn't lose any time," Moore added.

The thugs took the money from the tills of two tellers, Don McRae and Diane Tickell. The ringleader was described as 35 years old and the other two were about 18 and 27, police reported.

The bandits escaped in a green car and were believed to have transferred to a fawn-colored car a few blocks away. Police set up road blocks throughout the area in an attempt to catch the robbers.

Moore said the loot included a large quantity of American funds. The thugs scooped the money into a shopping bag before fleeing.

Vancouver's last bank robbery occurred June 7 when the Canadian Bank of Commerce was robbed of \$25,000.

Today's robbery is the fifth bank hold-up in Greater Vancouver this year. A total of six men have been convicted and jailed for the other four robberies.

## Egypt, Israel Accept UN Bid For Cease-fire

JERUSALEM, Israel (UP)—Egypt and Israel accepted a United Nations invitation for a cease-fire along the Gaza border today but Israel coupled its acceptance with charges the clashes were provoked only by Egypt.

Arthur Lourie, director general of the Israel foreign office, said in a letter to Canadian Maj. Gen. E. L. M. Burns, chief of the UN truce supervision organization, that Egypt should give a guarantee for immediate and complete cessation of all further hostile acts.

A communique from the Egyptian government information department earlier said Egypt had accepted the cease fire along the strip where a week of clashes has threatened resumption of the 1943 war.

Lourie, in accepting for Israel, noted with regrets that Burns assumed common responsibility of both Israel and Egypt for the border incidents and said the Egyptian acts were "glorified by its official spokesmen as well as its controlled press and propaganda agencies."

Today's Baseball

AMERICAN LEAGUE  
Baltimore 000 000 001-1 3 0  
Cleveland 508 008 003-3 5 0  
Detroit 000 000 001-1 3 0  
Kansas City 000 000 001-1 3 0  
New York 000 000 001-1 3 0  
Philadelphia 000 000 001-1 3 0  
Pittsburgh 000 000 001-1 3 0  
St. Louis 000 000 001-1 3 0  
Washington 000 000 001-1 3 0  
White Sox 000 000 001-1 3 0  
Yankees 000 000 001-1 3 0  
NATIONAL LEAGUE  
Boston 000 000 001-1 3 0  
Chicago 000 000 001-1 3 0  
Cincinnati 000 000 001-1 3 0  
Cleveland 000 000 001-1 3 0  
Detroit 000 000 001-1 3 0  
Houston 000 000 001-1 3 0  
Los Angeles 000 000 001-1 3 0  
Milwaukee 000 000 001-1 3 0  
New York 000 000 001-1 3 0  
Philadelphia 000 000 001-1 3 0  
Pittsburgh 000 000 001-1 3 0  
St. Louis 000 000 001-1 3 0  
Washington 000 000 001-1 3 0  
White Sox 000 000 001-1 3 0  
Yankees 000 000 001-1 3 0